

### WeAr Protection





### Industry GENERAL INDEX

We Prof	tect Your Goods	6
Your Be	st Dress	8
Painting	products for the General Industry	11
Industria	al Tinting System	12
Fields of		14
• Pri	imers	20
	1K Primers and anti-corrosive paints	22
	2K Primers and anti-corrosive paints	26
• To	p Coats	32
	Quick-air drying enamels	34
	Epoxy enamels	38
	Acrylic and polyurethane enamels	39
A	DTM - Direct To Metal polyacrylic enamels	42
• Ca	r-refinish Line	48
1	Primers	50
4	Base coats	52
1	Top coats	53
1	Clear coats	54
• Sp	ecial products	56
	Various products	58
	High temperature silicone-based products	59
• w	ater-based products	62
4 -	1K Primers	64
	1 K Enamels	65
	2K Primers	67
	2K Enamels	69
• Flo	ooring and Signage	72
See.	Solvent-based impregnating agents	74
	Water-based impregnating agents	75
	Solvent-based final coats	76
	Water-based final coats	77
	Solvent-based clear coats	78
	Water-based clear coats	79 80
	Horizontal road markings for asphalt Bicycle and pedestrian paths and sports floors	81
	Pools	82
	Additives	83
• Ha	irdeners and Reducers	84
14 31	Hardeners for acrylic and polyurethane products	86
	Hardeners for epoxy products	88
	Reducers	93
• Tin	iting systems	94
	ftware and tinting Equipment	106
100	dexes and notes	134

# We Protect Your Goods

#### WeAr protection.

A play on words and sounds which, however, contains **more meanings and messages** that we intend to communicate to all those who use or are willing to use Franchi&Kim products.

Through this claim we want to explore the concepts of "Wear and Protect" at 360°, in every nuance and meaning, combining them, and creating a perfect mix of the values that concern us, that we feel ours and that we offer to the market as elements that guarantee *a plus and a quid* more in the *user's experience* when using our coatings.

WeAr protection, understood as giving to your product long lasting protection over time, without having to give up a finish of excellent aesthetic quality. How often, in fact, in our sector, are we faced with a choice of field? How many times have we had to make one aspect prevail over another? Aesthetics vs Performance, an ancient battle with only one winner, or one or the other. Now no longer.

Wear Protection as a Guarantee of Protection combined with aesthetics

**WeAr protection** understood as **wearing the suit appropriate to your needs and custom-built**, the result of tailor-made formulations and Research&Development activities. A superficial veil, a second skin able to offer protection from the most challenging dangers. A protective cloak that symbolically is placed on the user's shoulders, as a metaphorical superhero, with the aim of ensuring the performance effectiveness of the product that he will apply.

WeAr Protection as a Protective Dress for your products

**WeAr Protection** understood as We Are Protection, "**We Are The Protection**". We propose ourselves as the ideal partner to protect and beautify your assets with our coatings. A protection that, a bit like a heroic and reassuring shadow, is projected against a rear wall with the aim of guaranteeing presence while keeping it in the background and not intervening in a self-referential and egocentric way. A shadow in the background that aims to ensure a safe harbour in which to dock when it is necessary to face the daily dynamics of the world of colour.

WeAr Protection as a Protective Partner in the background of the Customer Experience

# Protection

### Industry YOUR **BEST DRESS**

"Hi, what do you recommend to wear tonight?" "Well, we have to make a good impression. It is a gala evening. Dress well and above all wear something that can make you feel at ease "

How many times do we happen to neglect the aesthetic part? How often do we wear clothes that have nothing to do with our way of being? How often <u>do we use</u> garments that last a wash?

Reducing the issue to a conformist approach may be superficial. The outward appearance is neither the most important nor the most authentic, but it gives us **strength and confidence**.

Being comfortable with ourselves, with our personality thanks to the comfort of what we are wearing makes us feel invincible.

And how about satisfaction when telling our friends that we have been using a pair of jeans or shoes for years without ever wearing out? In the industrial and construction sectors, the last coat of the finish of products or the coating of the walls of the house are too often confined to the last spot.

In reality it is what **represents us**, what **identifies us** and what makes our product more performing, more brilliant, more resistant to daily deterioration.

What covers our walls is what makes our home more lively, more welcoming, more ours.

#### The last coat cannot be the last stage.

Why missing this opportunity? Why investing only in the latest generation of furniture without surrounding it with quality finishes? Why investing days, months, years in Research&Development and automation and then concluding the system with a coating with poor performance and not very pleasant to the eye?

A technically resistant and aesthetically valuable *surface*.

A **painting system** like a tailored suit to make you feel free.

Why not standing out from the competitors? Why not making yourself distinctive?

Why not coloring the anonymity?

It doesn't take much, just go beyond commonplaces. Just wear the best dress!

"Wear something iridescent, recognizable, that can fit you perfectly and above all of high quality.





# Franchi&Kim stands out for its strong **industrial vocation**

#### Industry

### PAINTING PRODUCTS FOR The **general industry**

Franchi&Kim stands out for its strong *industrial vocation*, highlighted by the complete range of paint products for the industrial sector and by the specialization in industrial tintometry.

The typical marketing channels represented by distribution are through resales located throughout the Italian and European territory and by direct industry through the supply to large manufacturing groups of highly customized products that meet today's plant engineering needs, restricted scheduling, hygiene regulations and environmental prevention involving the use of waterbased industrial products. Without forgetting the field of painting for third parties/contractors that work for factories that do not have internally a painting department.

The Industry division refers to a wide portfolio of solvent- and water-based products suitable for the entire socalled sector of wide-ranging **General Industry** and for industrial bodywork.

The production department and our Research&Development laboratories can satisfy **every** customer **need**, whether it belongs to the industrial sector or to that of specialized resale, creating **specific and technically advanced solutions**. The **sectors of use** include those relating to the so-called ACE sector - Agricultural, Construction & Earthmoving equipment (with reference to agricultural machinery, handling and lifting machinery and earthmoving machinery), industrial vehicles, metal furniture, ferrous products in mechanics, heavy and light carpentry, robotics and industrial automation, the rail and tram sector, metal tanks, silos and containers.

### Industry INDUSTRIAL TINTING SYSTEM

The sector relating to Industrial Tintometry represents a **niche sector with high added value**, in which Franchi&Kim has gained several experiences, with particular reference to the **quality and stability** of its colorants, to the perfect **compatibility** with its bases and converters, to the **repeatability** of the color over time and at the forefront of **formulation softwares for its own tinting systems**.

The solvent-based pigmented colorants are made with very highly highly resistant and concentrated which pigments, also guarantee fluidity and nonthixotropy. Furthermore, the resins are free from chromium, lead and heavy metals.

The water-based pigmented colorants are Voc Free and characterized by very high resistance and fluidity. In technical jargon they are considered "Binder Free" as they are compatible with all products and with all resins and converters without modifying and compromising rheology and resistance performance. The tintometric software become real management software for colors and formulations and for all related commercial and bureaucratic activities: from the customer's order, up to the technical and safety data sheets, from sales statistics to price management, these softwares **help the user** during the whole process of formulation, realization and marketing of the colors. Finally, the tintometric offer is concretized by the supply of high-level tinting and colorimetric equipment and instruments: manual and electronic tinting machines of different capacities and sizes, color fans and color cards according to market standards, colorimeters and spectrophotometers for detecting the color and provide the corresponding formulations with a high level of precision. A niche sector with **high added value**, in which Franchi&Kim has **gained several experiences** 

### Industry **FIELDS OF USE**

The areas of application of our painting products



#### AGRICULTURE

Coating systems for agricultural machinery: systems and solutions suitable to ensure proper protection and resistance against chemical agents, abrasions and impacts typical of this sector.

Tractors, Harvesting machines, Haymaking machines, Weeding and fertilization and transplanters, Breeding machines, Forestry machinery, Machinery for vineyards, Green maintenance and gardening, Equipment and components



#### EARTHMOVING

Coating systems for earthmoving machinery: systems and solutions suitable for providing this machinery with excellent resistance to rubbing and friction with soil materials.

Graders, Bulldozers-Scarper, Buckets, Polyps and Magnets, Construction machinery, Road construction equipment



#### HANDLING AND LIFTING

Coating systems for cranes, aerial platforms and other telescopic lifting equipment: systems and solutions suitable to ensure high resistance to UV rays and bad weather.

Pale, Dumper, Dozer, Aerial platforms, Truck-mounted platforms, Telescopic handlers, Straddle carriers-straddle cranes, Shuttle carriers Tower 







#### TRANSPORT

**Coating systems for trucks, public transport and special vehicles:** systems and solutions suitable for obtaining car&truck finishes combined with the resistance performance required by industrial bodywork.

Trucks, Trailers, Semi-trailers, Tankers, Tank trucks, Vans, Asphalt machines, Road cleaning and maintenance vehicles



#### METAL MECHANICS AND INDUSTRIAL AUTOMATION

Coating systems for machine tools and anthropomorphic robots: systems and solutions suitable to offer a highquality aesthetic finish and excellent resistance to hydraulic and chemical oils.

Transfer, Presses, Multi-spindles, Machines for metal and sheet metal processing, Machines for glass, wood, plastic and similar ones.

Machines for the steel industry, foundry and die casting, Material handling, Anthropomorphic robots, Robot for welding, cutting, painting and deburring



#### **HEAVY CARPENTRY**

**Coating systems for heavy carpentry products**: systems and solutions suitable to guarantee excellent weatherproof protection and a high quality aesthetic finish.

Shelter Container, Tanks, Silos, Drums, Bridges, Bridge cranes, Lattice structures, Beams, Trusses, Plant engineering



#### **CIVIL AND LIGHT CARPENTRY**

**Coating systems for light carpentry products**: systems and solutions to offer exceptional gloss and finishes to light metal carpentry products that can be applied with extreme ease.

Gates, Railings, Doors, Fixtures, Shelving, Footboards, Catwalks, Cabins, Bases, Stairs, Parapets, Balconies

#### STORAGE AND TREATMENT OF LIQUIDS

**Coating systems suitable for storage tanks and pipes**: systems and solution suitable to provide concrete and metal storage tanks and concrete pipes a proper protection against chemical corrosion of industrial liquids.

Containment tanks, Wells, Concrete pipes, Trenchless, Microtunneling, Sleeves, Steel tanks, Silos, Metal drums



#### FOOD INDUSTRY

**Coating systems for food contact**: systems and solutions to clad products, floors and walls of environments used in the food industry with products certified for the storage of food and contact with fats and drinking water.

Canteens, Food industries, Industrial Ktchens, Warehouses, Food laboratories, Bars, Restaurants and Dairies



#### HIGH TEMPERATURE

Coating systems suitable to provide adequate protection to ducts, pipes and other items subjected to continuous high temperatures up to 1112°F - 600°C.

Boilers, Stoves, Conduct of aspirations, Metal working machines, Heat generators, Fireplaces, Conduits or pipes



#### SMALL PARTS AND METAL OBJECTS

The small metal parts include a considerable number of object, used in sectors that are sometimes very different but share some peculiarities, such as sizing or the need to be protected from external agents such as oxidation and corrosion.

Buckles, Dies, Handles, Knobs, Buttons, Flanges, Knobs, Handles, Lighting technology



#### FLOORING AND SIGNAGE

Thin film Coating systems suitable for covering concrete floors and asphalt road surfaces, guaranteeing excellent resistance to wear and abrasions due to the constant passage of vehicles.

Stores, Shopping centers, Production departments, Deposits, Parking lots, Public and residential buildings, Cellars and food industry, Volleyball, five-a-side football and basketball courts, Streets



#### SPECIAL APPLICATIONS

Plastic and glass are two of the most used materials in the world. Due to their ductility and the fact that they are easy to process, they are also frequently used within the generic industry.

There are hundreds of types of plastics, although the most common are ABS, PVC and PC .

Fiberglass, Thermoplastics, Thermosetting plastics, Polypropylene, Glass



#### PUMPS, ELECTRIC MOTORS AND VALVES

This particular sector includes products that are generally small in size which differ from each other, based on their intended use: they can range from pumps that must operate immersed in fresh water, in a non-corrosive external environment, on offshore platforms or even in contact with acid or basic liquids.

Multistage Pumps, Centrifugal pumps, Drainage pumps, Electric pumps, Submersible pumps, Asynchronous motors Decelerated motors, Gas valves, Fire extinguisher valves



#### PROTECTION FROM CORROSION ACCORDING TO ISO 12944 STANDARD

**Coating systems according to rule ISO 12944:** systems and solutions suitable to provide metal products an adequate protection over time from corrosion through certified and tested systems according to the various durability and corrosivity ranges.

C1 CLASS	C2 CLASS	C3 CLASS	C4 CLASS	C5 CLASS
Very Low	Low	Medium	High	Very High
C1-L - Low	C2-L - Low	C3-L - Low	C4-L - Low	C5-L - Low
C1-M - Medium	C2-M - Medium	C3-M - Medium	C4-M - Medium	C5-M - Medium
C1-H - High	C2-H - High	C3-H - High	C4-H - High	C5-H - High
C1-VH - Very high	C2-VH - Very high	C3-VH - Very high	C4-VH - Very high	C5-VH - Very high



#### Industry

### **PRIMERS**

Anti-corrosive and universal zinc phosphate-based primers ideal for guaranteeing excellent adhesion to the substrate and excellent resistance to the action of atmospheric agents over time.

The range consists of a large number of primers with adhesion to various metallic and non-metallic substrates. The **nitro-resistant zinc phosphate-based primers** are characterized by fast drying, wettability of the substrate and reduced overspray.

**Epoxy primers** stand out for their elasticity and high resistance, while **acrylic and polyacrylic primers** are characterized by outstanding adhesion properties. The range includes 1K and 2K primers, depending on whether they are characterized by ease of use and quick drying in the first case and by greater barrier effect and passivating power in the second case.

1K Primers and anti-corrosive paints
2K Primers and anti-corrosive paints





#### MONOPRIMER

#### Series 0710

1K, acrylic primer for galvanized steel and light alloys







1K, primer for galvanized iron, based on acrylic resins, selected lamellar fillers, titanium dioxide and special additives to increase brushability and adhesion on light alloys.

#### **APPLICATION FIELD**

Product ideal as acrylic adehesion promoting primer for galvanized steel, light alloys, metals where good adhesion, ease of application and recotability with 1K and 2K coating systems are required. It is also suitable for applications on plastic substrates such as ABS and PVC.

#### **GENERAL INFORMATION**

System: One pack - 1K Nature: Solvent-based Packages: 1 gal - 4 gal

Colors ready in stock: Grey

Suitable Substrates: Iron, Cast iron, Galvanized surfaces, Light alloys, Aluminium, Thermoplastics (ABS, PVC, PC), Fiberglass and Thermosetting plastics, Hot-dip galvanization, Sandblasted Iron - Sandblasting Sa 1-2

**Overcoatable with:** Quick-air drying, nitro, acrylic, polyurethane and brush enamels



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THEORETICAL AVERAGE SPREADING RATE	APPLICATION	REDUCE UP TO	GLOSS
505.2 ft²/gal each coat at the dry film thickness of 1 mil	Brush, spray	Max 10% with Synthetic Thinner 90 Series 0955	-
<b>۵</b>			
WET FILM THICKNESS EACH COAT	DRY FILM THICKNESS EACH COAT	N° OF COATS	TOTAL DRY FILM THICKNESS
3 mil	1 mil	1 or 2 coats to achieve the total desired thickness	2.5 mil
DRYING		Ŭ.	BQ
OVERCOATING			DRY TO TOUCH
INTERVAL	AIR DRYING	DUST-FREE DRYING	DRY TO TOUCH
	<b>AIR DRYING</b> 68°F - 20°C	30 - 45 minutes	2 - 3 hours
INTERVAL			
INTERVAL 12 - 48 hours	68°F - 20°C	30 - 45 minutes	

#### **1K PRIMERS AND ANTI-CORROSIVE PAINTS**

#### **METAL PRIMER**

#### Series 0789

Universal, zinc-phosphate-based wash primer for metals and alloys







#### **TECHNICAL FEATURES**

Thin filming, semi-matt, adhesion promoting wash primer based on particular PVB acid-hardening resins characterized by excellent adhesion on light alloys, galvanized steel, stainless steel (or polished) and by anti-corrosive protection on iron. The use of the specific hardening reducer is mandatory in order to achieve the declared mechanical adhesion performance.

#### **APPLICATION FIELD**

Wash primer ideal as adhesion promoting primer on machined parts, flanges, mechanical parts and stainless and galvanized steel structures.

By virtue of its acidity, the product guarantees high (and better than some traditional 2K systems) chemical-physical adhesion on difficult substrates. The product can be used also as temporary primer for the treatment of elements that must be stored and subsequently re-coated with protective systems.

#### **GENERAL INFORMATION**

System: One pack - 1K

Nature: Solvent-based

Packages: 1 gal

Colors ready in stock: Clear yellow

Suitable Substrates: Iron, Galvanized surfaces, Light alloys, Aluminium, Stainless steel

**Overcoatable with:** Quick-air drying nitro, epoxy and acrylic enamels

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THEORETICAL AVERAGE SPREADING RATE	APPLICATION	REDUCE UP TO	GLOSS
774 ft²/gal each coat at the dry film thickness of 0.5 mil	Spray	50-60% with Wash Primer Thinner Series 0963	-
WET FILM THICKNESS EACH COAT	DRY FILM THICKNESS EACH COAT	N° OF COATS	TOTAL DRY FILM THICKNESS
2 mil	0.5 mil	1 or 2 coats to achieve the total desired thickness	1 mil
DRYING			
<u>گ</u>		( ) N	HŌ
OVERCOATING INTERVAL	AIR DRYING	DUST-FREE DRYING	DRY TO TOUCH
12 - 24 hours	68°F - 20°C	2 - 3 minutes	1 hour
<b>N</b>	ۆ		
	FULL CURE	FLASH OFF	STOVING DRYING

#### ZINCROMAT

#### Series 0695

High quality, nitro-resistant, zinc phosphate based primer





#### **TECHNICAL FEATURES**

Synthetic, zinc phosphates primer mainly composed of modified, alkyd resins with good anti-corrosive inhibiting power, suitable for the protection of iron structure and surfaces and overcoatable with fast drying, nitro and polyurethane enamels. The product is characterized by good subtsrate wettability and reduced overspray time during the application phase.

#### **APPLICATION FIELD**

Suitable as anti-corrosive primer with zinc phosphates for agricultural machinery, earth-moving machinery, iron structures, metal carpentry and tools, where good filling effect, good anticorrosive resistance and ease of application are required.

#### **GENERAL INFORMATION**

System: One pack - 1K Nature: Solvent-based Packages: 1 gal - 4 gal Tinting Service: Tinting service with solvent-based colorants Series 0615 Colors ready in stock: Grey Ral 7032

Suitable Substrates: Iron, Cast iron, Sandblasted Iron -Sandblasting Sa 1-2

**Overcoatable with:** Quick-air drying, nitro and polyurethane enamels

Color cards: Ral 841 GL



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THEORETICAL AVERAGE SPREADING RATE	APPLICATION	REDUCE UP TO	GLOSS
464.4 ft²/gal each coat at the dry film thickness of 2 mil	Spray	10-20% with Anti-blooming Nitro Thinner Series 0970	-
WET FILM THICKNESS EACH COAT	DRY FILM THICKNESS EACH COAT	N° OF COATS	TOTAL DRY FILM THICKNESS
3.5 mil	2 mil	1 or 2 coats to achieve the total desired thickness	3.5 mil
DRYING			
	<b>B</b>	() ()	(K)
OVERCOATING INTERVAL	AIR DRYING	DUST-FREE DRYING	DRY TO TOUCH
	<b>AIR DRYING</b> 68°F - 20°C	DUST-FREE DRYING	DRY TO TOUCH 1 - 2 hours
INTERVAL			
A hours	68°F - 20°C	10 - 15 minutes	

#### **1K PRIMERS AND ANTI-CORROSIVE PAINTS**

#### **ECOPRIMER**

#### Series 1740

Zinc phosphate-based phenolic anti-corrosive paint





#### **TECHNICAL FEATURES**

1K, high quality, zinc phosphate-based anti-corrosive paint formulated with alkyd resins with phenolic modification. The product is overcoatble with with 1K and 2K enamels. Given the nature of the product, it grants the reduction of overspray and a glossy finish if used with industrial fast drying enamels.

#### **APPLICATION FIELD**

Anti-corrosive, phenolic primer ideal for metal carpentry, railings and gates, industrial machinery, agricultural and earth-moving machines, metal structures, robots, machine tools. The product is resistant to common hydraulic and lubricating oils.

#### **GENERAL INFORMATION**

System: One pack - 1K Nature: Solvent-based Packages: 4 gal Colors ready in stock: Grey Ral 7035

Suitable Substrates: Iron, Cast iron, Galvanized surfaces, Sandblasted Iron - Sandblasting Sa 1-2, Sandblasted Iron -

Sandblasting Sa 2,5-3 **Overcoatable with:** Quick-air drying, nitro, acrylic and polyurethane enamels



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THEORETICAL AVERAGE SPREADING RATE	APPLICATION	REDUCE UP TO	GLOSS
354.5 ft²/gal each coat at the dry film thickness of 2.5 mil	Spray, Roller, Brush	10-20% with Anti-blooming Nitro Thinner Series 0970	25 - 30 gloss
÷]			
WET FILM THICKNESS EACH COAT	DRY FILM THICKNESS EACH COAT	N° OF COATS	TOTAL DRY FILM THICKNESS
4.5 mil	2.5 mil	l or 2 coats to achieve the total desired thickness	3.5 mil
DRYING			
			(p) O
OVERCOATING INTERVAL	AIR DRYING	DUST-FREE DRYING	DRY TO TOUCH
4 hours	68°F - 20°C	10 - 15 minutes	1 - 2 hours
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DRY THROUGH	FULL CURE	FLASH OFF	STOVING DRYING

#### **2K PRIMERS AND ANTI-CORROSIVE PAINTS**

#### PROFILLER

**Series 1314** High thickness, acryl-urethanic primer





#### **TECHNICAL FEATURES**

2K polyacrylic primer with excellent adhesion to iron, galvanized steel, light alloys and some plastics such as ABS, PS, PVC and thermosetting plastics.

The primer is the ideal substitute for epoxy primers in environmental conditions of application with temperatures below 54°F (12°C). Compared to common epoxy primers, in unfavorable conditions, the product grants fast polymerization and consequently allows rapid handling of the products.

#### **APPLICATION FIELD**

The product is ideal as primer for industrial, agricultural and earthmoving machinery, industrial bodywork, metal structures, machine tools.

#### **GENERAL INFORMATION**

System: Two pack - 2K Nature: Solvent-based Packages: 1 gal

Colors ready in stock: Grey Ral 7038

Suitable Substrates: Iron, Cast iron, Galvanized surfaces, Light alloys, Thermoplastics (ABS, PVC, PC), Fiberglass and Thermosetting plastics, Sandblasted Iron - Sandblasting Sa 1-2, Sandblasted Iron - Sandblasting Sa 2,5-3, Hot-dip galvanization Overcoatable with: Epoxy, acrylic and polyurethane enamels



#### **TECHNICAL DATA**

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THEORETICAL AVERAGE SPREADING RATE	APPLICATION	REDUCE UP TO	GLOSS
318 ft²/gal each coat at the dry film thickness of 2.5 mil	Spray	10% with Pur Thinner Series 0988	15 - 25 gloss
<b>۲</b>			
WET FILM THICKNESS EACH COAT	DRY FILM THICKNESS EACH COAT	N° OF COATS	TOTAL DRY FILM THICKNESS
5 mil	2.5 mil	l or 2 coats to achieve the total desired thickness	3.5 mil
DRYING			
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OVERCOATING INTERVAL	AIR DRYING	DUST-FREE DRYING	DRY TO TOUCH
6 - 24 hours	68°F - 20°C	20 - 30 minutes	1 - 2 hours
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DRY THROUGH	FULL CURE	FLASH OFF	STOVING DRYING
24 - 36 hours	7 days	15 - 20 minutes at 68°F - 20°C	20 minutes at 176°F - 80°C

SERIES	HARDENER	CATALYSIS	USE	POT LIFE AT 68°F - 20°C	PACKAGE
1392	HS PLUS 420 HARDENER	4:1 by volume	HS, slow hardener suitable for outdoor applications	3 hours	1 qt - 1 gal

#### **EPOXY PRIMER HB**

#### Series 0781

High-thickness, high-quality, anti-corrosive epoxy primer with high passivating properties



BODY EFFECT EXCELLENT SAGGING STABILITY EXCELLENT ANTI-CORROSIVE PROPERTIES



#### **TECHNICAL FEATURES**

Epoxy-vinyl anti-corrosive primer based on particular epoxy resins, corrosion inhibitors and special additives. The product offers good flexibility, high filling and passivating power. The product is characterized by excellent sagging resistance and adhesion to metal surfaces. It can be applied as intermediate on inorganic zinc-based products.

The product can be re-coated with 1K and 2K enamels.

#### **APPLICATION FIELD**

Anti-corrosive epoxy vinyl primer suitable for coating metal structures, machine tools, tanks, bridges, chemical plants and generic industrial carpentry, where high sagging resistance, excellent adhesion and high anti-corrosive power are required. The product has been studied in order to obtain perfect coverage of edges and undercuts during the application phase thanks to a structured rheology.

#### **GENERAL INFORMATION**

System: Two pack - 2K

Nature: Solvent-based

Packages: 1 gal - 4 gal

*Tinting Service:* Tinting service with solvent-based colorants Series 0615

Colors ready in stock: Grey Ral 7035, Grey Ral 7040 Suitable Substrates: Iron, Cast iron, Galvanized surfaces, Light alloys, Aluminium, Thermoplastics (ABS, PVC, PC), Fiberglass and Thermosetting plastics, Concrete, Prepainted surfaces coil, Stainless steel, Sandblasted Iron - Sandblasting Sa 1-2, Sandblasted Iron - Sandblasting Sa 2,5-3, Hot-dip galvanization Overcoatable with: Epoxy, acrylic and polyurethane enamels Color cards: Ral 841 GL, Ncs 2050, Colorado Box 2.0

#### TECHNICAL DATA

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THEORETICAL AVERAGE SPREADING RATE	APPLICATION	REDUCE UP TO	GLOSS
313.8 ft²/gal each coat at the dry film thickness of 3 mil	Spray, Roller	5% with Epoxy Thinner Series 0981	-
<b>۵</b>			h.
WET FILM THICKNESS EACH COAT	DRY FILM THICKNESS EACH COAT	N° OF COATS	TOTAL DRY FILM THICKNESS
5 mil	3 mil	1 or 2 coats to achieve the total desired thickness	4 mil
DRYING			
DRYING		Č zi	
DRYING OVERCOATING INTERVAL		ें। सं DUST-FREE DRYING	DRY TO TOUCH
OVERCOATING INTERVAL	AIR DRYING	DUST-FREE DRYING	DRY TO TOUCH
OVERCOATING INTERVAL 6 - 96 hours	<b>AIR DRYING</b> 68°F - 20°C	DUST-FREE DRYING 30 - 40 minutes	DRY TO TOUCH

SERIES	HARDENER	CATALYSIS	USE	POT LIFE AT 68°F - 20°C	PACKAGE
1600	EPOX STANDARD HARDENER	3:1 by volume	Fast	6 hours	1 qt - 1 gal

#### **ELECTROPOX**

#### Series 1726

2K, satin-finish, electrostatic epoxy primer for industrial bodywork



HIGH SAGGING STABILITY AND OPACITY LOW ABSORPTION OF THE FINAL COAT SUITABLE IN WET ON WET COATING SYSTEMS



**TECHNICAL DATA** 

#### **TECHNICAL FEATURES**

Semi-glossy epoxy-polyamide primer with high opacity, formulated with special additives that make it applicable also with electrostatic systems. The product is characterized by good anti-corrosive power and low absorption of finishing, enamels granting the maintenance of an excellent aesthetic finish. The primer is recoatable with 1K and 2K enamels. It can also be applied at low thickness while maintaining an excellent aesthetic appearance and flow.

#### **.** 73 m<sup>2</sup> THEORETICAL APPLICATION **REDUCE UP TO** GLOSS AVERAGE SPREADING RATE 5-10% with 476.7 ft²/gal Sprav each coat at the Epoxy Thinner Series 0981 dry film thickness of 2 mil <u>}</u>] ] WET FILM **DRY FILM** TOTAL DRY N° OF COATS THICKNESS THICKNESS FILM THICKNESS EACH COAT EACH COAT 3.5 mil 1 or 2 coats to 3.5 mil 2 mil achieve the total desired thickness DRYING Ŏ ſ‰ð Ŏ ÷. OVERCOATING DUST-FREE DRYING AIR DRYING DRY TO TOUCH INTERVAL 2 - 96 hours 68°F - 20°C 20 - 30 minutes 1 hour (after it is necessary to sand) Č. ١ FLASH OFF **STOVING DRYING DRY THROUGH FULL CURE** 7 days 24 - 36 hours 30 minutes at 30 minutes at 68°F - 20°C 104°F - 122°F (40°C - 50°C)

#### APPLICATION FIELD

The product is ideal as 2K, anti-corrosive epoxy primer for metal carpentry, industrial machinery, agricultural machinery and earthmoving machines, metal structures, robots, machine tools even in wet-on-wet coating systems, where excellent anticorrosive power and high opacity are required.

#### **GENERAL INFORMATION**

System: Two pack - 2K Nature: Solvent-based Packages: 4 gal Colors ready in stock: Grey Ral 7035

Suitable Substrates: Iron, Cast iron, Galvanized surfaces, Light alloys, Aluminium, Thermoplastics (ABS, PVC, PC), Fiberglass and Thermosetting plastics, Concrete, Prepainted surfaces - coil, Sandblasted Iron - Sandblasting Sa 1-2, Sandblasted Iron -Sandblasting Sa 2,5-3, Hot-dip galvanization

Overcoatable with: Epoxy, acrylic and polyurethane enamels

SERIES	HARDENER	CATALYSIS	USE	POT LIFE AT 68°F - 20°C	PACKAGE
1600	EPOX STANDARD HARDENER	3:1 by volume	Fast	4 hours	1 qt - 1 gal

#### PRIMOZIN

**Series 0770** Epoxy-polyamide, anti-corrosive primer







#### **TECHNICAL FEATURES**

2K, epoxy-polyamide primer formulated with anti-corrosive pigments based on non-toxic zinc phosphate. The product offers excellent adhesion to metal supports and high chemical and mechanical resistance. It can be overcoated with epoxy and polyurethane coating systems after 4 hours at 68°F - 20°C and with 1K and 2K enamels. It is the ideal product for multipurpose applications on several types of metal surfaces.

#### **APPLICATION FIELD**

Anti-corrosive epoxy primer ideal as a multi-support primer applicable on various surfaces made of iron, light alloys, galvanized steel, particular thermosetting plastics (such as bakelite), where good mechanical resistance is required in sectors such as metal carpentry, industrial machinery, agricultural machinery and machines earthmoving, metal structures, robots, machine tools.

#### **GENERAL INFORMATION**

#### System: Two pack - 2K

Nature: Solvent-based

Packages: 1 gal - 4 gal

*Tinting Service:* Tinting service with solvent-based colorants Series 0615

Colors ready in stock: Grey Ral 7035

Suitable Substrates: Iron, Cast iron, Galvanized surfaces, Light alloys, Aluminium, Thermoplastics (ABS, PVC, PC), Fiberglass and Thermosetting plastics, Concrete, Prepainted surfaces - coil, Sandblasted Iron - Sandblasting Sa 1-2, Sandblasted Iron -Sandblasting Sa 2,5-3, Hot-dip galvanization

Overcoatable with: Epoxy, acrylic and polyurethane enamels Color cards: Ral 841 GL, Ncs 2050, Colorado Box 2.0

#### TECHNICAL DATA

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THEORETICAL AVERAGE SPREADING RATE	APPLICATION	REDUCE UP TO	GLOSS
379 ft²/gal each coat at the dry film thickness of 2 mil	Spray, Roller, Brush	10% with Epoxy Thinner Series 0981	-
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WET FILM THICKNESS EACH COAT	DRY FILM THICKNESS EACH COAT	N° OF COATS	TOTAL DRY FILM THICKNESS
4 mil	2 mil	1 or 2 coats to achieve the total desired thickness	3.5 mil
DRYING			
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DRYING OVERCOATING INTERVAL	AIR DRYING	فَنْ الْمَالَةِ الْمَالَةُ الْمَالَةُ الْمَالَةُ الْمَالَةُ الْمَالَةُ الْمَالَةُ الْمَالَةُ الْمَالَةُ الْمَالُ	DRY TO TOUCH
OVERCOATING			
OVERCOATING INTERVAL 4 - 96 hours (after it is necessary	AIR DRYING	DUST-FREE DRYING	DRY TO TOUCH
OVERCOATING INTERVAL 4 - 96 hours (after it is necessary to sand)	AIR DRYING 68°F - 20°C	DUST-FREE DRYING 30 minutes	DRY TO TOUCH

SERIES	HARDENER	CATALYSIS	USE	POT LIFE AT 68°F - 20°C	PACKAGE
0918	EPOX SLOW HARDENER	3:1 by volume	Slow for primers	8 hours	1 qt - 1 gal

#### **2K PRIMERS AND ANTI-CORROSIVE PAINTS**

#### **REPOKIM**

Series 0758 2K, epoxy-based primer and intermediate coat





#### **TECHNICAL FEATURES**

2K primer mainly composed of epoxy resins and special fillers with good adhesion to metal supports and high filling power. The product is over-coatable with 1K and 2K enamels. It can be used as intermediate coat in zinc-based coating systems.

#### **APPLICATION FIELD**

Product ideal as a 2K epoxy primer for coating metallic carpentry and machine tools where a high filling effect is requested.

#### **GENERAL INFORMATION**

System: Two pack - 2K Nature: Solvent-based Packages: 4 gal Colors ready in stock: Grey Ral 7035 Suitable Substrates: Iron, Cast iron, Galvanized surfaces, Light alloys, Aluminium, Sandblasted Iron - Sandblasting Sa 1-2,

Light alloys, Aluminium, Sandblasted Iron - Sandblasting Sa 1-2, Sandblasted Iron - Sandblasting Sa 2,5-3, Hot-dip galvanization **Overcoatable with:** Epoxy, acrylic and polyurethane enamels



#### TECHNICAL DATA

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THEORETICAL AVERAGE SPREADING RATE	APPLICATION	REDUCE UP TO	GLOSS
415 ft²/gal each coat at the dry film thickness of 2 mil	Spray, Brush	10-15% with Epoxy Thinner Series 0981	-
WET FILM THICKNESS EACH COAT	DRY FILM THICKNESS EACH COAT	N° OF COATS	TOTAL DRY FILM THICKNESS
4 mil	2 mil	1 or 2 coats to achieve the total desired thickness	3.5 mil
DRYING			
DRYING		Č	(M)
DRYING OVERCOATING INTERVAL	AIR DRYING	ن المعالم المعا DUST-FREE DRYING	DRY TO TOUCH
OVERCOATING			
OVERCOATING INTERVAL 6 - 96 hours (after it is necessary	AIR DRYING	DUST-FREE DRYING	DRY TO TOUCH
OVERCOATING INTERVAL 6 - 96 hours (after it is necessary to sand)	AIR DRYING 68°F - 20°C	DUST-FREE DRYING	DRY TO TOUCH

SERIES	HARDENER	CATALYSIS	USE	POT LIFE AT 68°F - 20°C	PACKAGE
0918	EPOX SLOW HARDENER	3:1 by volume	Slow for primers	6 hours	1 qt - 1 gal

#### Industry

## **TOP COATS**

1K, 2K and DTM (Direct to Metal) finishing enamels ideal for the **protection and enhancement** of metal, plastic, glass, wooden and cement surfaces and products in all industrial sectors. The wide range allows the user to choose the product that best suits its working needs: selecting the **practicality and ease of use** of 1K products or the **performance and resistance** of 2K products or the **universality** of direct to metal ones.

The **1K range** consists of quick-drying enamels characterised by good filling power.

The **2K range** offers **epoxy resin-based** enamels characterized by very high chemical resistance to industrial oils and acid and basic solutions, as well as mechanical abrasions.

The **acrylic**, **polyurethane and polyacrylic enamels** have excellent sagging stability during application and fullness deriving from the body effect appearance of the final coat which, thanks to the high gloss, gives the support a high quality aesthetic impact determined by the so-called body effect. They are applicable, even at low temperatures, on metal products for indoor and outdoor use, with high resistance to bad weather.

- Quick-air drying enamels
- Epoxy enamels
- Acrylic and polyurethane enamels
- DTM Direct To Metal polyacrylic enamels





#### **FAST DRY GLOSSY**

#### Series 0320

Glossy, quick-air drying, water-spotting resistant synthetic enamel





#### **TECHNICAL FEATURES**

Glossy, quick air drying synthetic enamel, formulated with special modified alkyd resins; the enamel is water-spotting resistant already after 24-48 hours depending on the applied thicknesses and the conditions of application. The product is fast drying and hardening even in deep coats. Furthermore, it is characterized by good filling properties, resistance to atmospheric agents, excellent gloss and body effect.

#### **APPLICATION FIELD**

Glossy synthetic enamel ideal for carpentry, industrial, agricultural and earth-moving machinery, when rapid handling of the product and durability over time are required.

#### **GENERAL INFORMATION**

System: One pack - 1K Nature: Solvent-based Packages: 1 gal - 4 gal Tinting Service: Tinting service with solvent-based colorants Series 0615 Color cards: Ral 841 GL, Ncs 2050, Colorado Box 2.0



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THEORETICAL AVERAGE SPREADING RATE	APPLICATION	REDUCE UP TO	GLOSS
380 ft²/gal each coat at the dry film thickness of 2 mil	Spray	10-15% with Synthetic Thinner 90 Series 0955 or Anti-blooming Nitro Thinner Series 0970	85 - 95 gloss
WET FILM THICKNESS EACH COAT	DRY FILM THICKNESS EACH COAT	N° OF COATS	TOTAL DRY FILM THICKNESS
5 mil	2 mil	l or 2 coats to achieve the total desired thickness	3 mil
DRYING			
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OVERCOATING INTERVAL	AIR DRYING	DUST-FREE DRYING	DRY TO TOUCH
4 - 8 hours	68°F - 20°C	30 - 40 minutes	2 - 3 hours
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DRY THROUGH	FULL CURE	FLASH OFF	STOVING DRYING
24 - 36 hours	7 days		

#### **FAST DRY MATT**

#### Series 0322

Matt, quick-air drying, synthetic, water-spotting resistant enamel





#### **TECHNICAL FEATURES**

Matt, fast drying, synthetic enamel based on special modified alkyd resins, with good filling power and outdoor resistance. The product is characterized by fast drying and hardening also in the deeper coats.

#### **APPLICATION FIELD**

Product ideal as a matt enamel for painting carpentry, industrial machinery, agricultural and earth moving machines, where fast drying and good outdoor resistance are required. This enamel is suitable for finishing industrial products where rapid handling and durability over time are required.

#### **GENERAL INFORMATION**

System: One pack - 1K Nature: Solvent-based Packages: 1 gal Tinting Service: Tinting service with solvent-based colorants Series 0615 Color cards: Ral 841 GL, Ncs 2050, Colorado Box 2.0



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THEORETICAL AVERAGE SPREADING RATE	APPLICATION	REDUCE UP TO	GLOSS
440 ft²/gal each coat at the dry film thickness of 2 mil	Spray	10-15% with Synthetic Thinner 90 Series 0955 or Anti-blooming Nitro Thinner Series 0970	1 - 10 gloss
÷1			
WET FILM THICKNESS EACH COAT	DRY FILM THICKNESS EACH COAT	N° OF COATS	TOTAL DRY FILM THICKNESS
3.5 mil	2 mil	1 or 2 coats to achieve the total desired thickness	3 mil
DRYING			
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OVERCOATING INTERVAL	AIR DRYING	DUST-FREE DRYING	DRY TO TOUCH
4 - 8 hours	68°F - 20°C	30 - 40 minutes	2 - 3 hours
ف			
DRY THROUGH	FULL CURE	FLASH OFF	STOVING DRYING
24 - 36 hours	7 days	-	-

#### **CHASSIS PAINT GLOSSY DTM**

#### Series 0335

Quick-air drying DTM glossy finishing primer, overcoatable with itself



DIRECT ADHESION EXCELLENT AESTHETIC FINISH HIGH GLOSS



**TECHNICAL DATA** 

#### **TECHNICAL FEATURES**

Zinc phosphate-based glossy quick air drying finishing-primer for direct adhesion to ferrous substrates. It gives the products a very glossy aesthetic appearance and good corrosion protection.

#### **APPLICATION FIELD**

Glossy single-coat primer for painting tools, metal carpentry and iron structures.

#### **GENERAL INFORMATION**

System: One pack - 1K Nature: Solvent-based Packages: 1 gal Tinting Service: Tinting service with solvent-based colorants Series 0615 Suitable Substrates: Iron Color cards: Ral 841 GL, Ncs 2050, Colorado Box 2.0

#### **•**73 m<sup>2</sup> THEORETICAL AVERAGE SPREADING RATE APPLICATION **REDUCE UP TO** GLOSS 342.3 ft²/gal 10% with 80 - 90 gloss Spray Synthetic Thinner 90 Series 0955 or each coat at the dry film thickness Anti-blooming Nitro Thinner Series 0970 of 2 mil ≱∎ WET FILM **DRY FILM** TOTAL DRY N° OF COATS THICKNESS THICKNESS **FILM THICKNESS** EACH COAT EACH COAT 5 mil 2 mil 1 or 2 coats to 3 mil achieve the total desired thickness DRYING YR Ö Ō ÷ Ŏ OVERCOATING AIR DRYING DUST-FREE DRYING DRY TO TOUCH INTERVAL 2 hours 68°F - 20°C 15 - 20 minutes 1 - 3 hours Č Ŏ. DRY THROUGH FULL CURE **STOVING DRYING** FLASH OFF 24 - 36 hours 7 days

# **CHASSIS PAINT SEMI-GLOSSY DTM**

Series 0333

DTM, semi-glossy, quick-air drying, anti-oil final coat for chassis



HYDRAULIC FLUID RESISTANCE HIGH ANTI-CORROSIVE PROPERTIES DIRECT ADHESION TO IRON & CAST IRON



DTM, semi-glossy, fast-drying finishing-primer for chassis with good resistance to industrial oil, oversprayable with itself, nitro, polyurethane and acrylic enamels.

The product is characterized by good adhesion and it is based on passivating pigments that make the enamel suitable for direct application to metal with anti-corrosive function.

# APPLICATION FIELD

Suitable as finishing-primer for chassis of agricultural wagons and industrial vehicles, as well as for metal structures, machine tools, agricultural machinery, carpentry, cranes and lifting systems.

## **GENERAL INFORMATION**

System: One pack - 1K

Nature: Solvent-based

Packages: 1 gal - 4 gal

Tinting Service: Tinting service with solvent-based colorants Series 0615

Colors ready in stock: Black Ral 9005

Suitable Substrates: Iron, Cast iron, Sandblasted Iron -Sandblasting Sa 1-2, Sandblasted Iron - Sandblasting Sa 2,5-3 Overcoatable with: Quick-air drying, nitro and polyurethane enamels

Color cards: Ral 841 GL, Ncs 2050, Colorado Box 2.0



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THEORETICAL AVERAGE SPREADING RATE	APPLICATION	REDUCE UP TO	GLOSS
435 ft²/gal each coat at the dry film thickness of 2 mil	Spray	10% with Synthetic Thinner 90 Series 0955 or Anti-blooming Nitro Thinner Series 0970	25 - 35 gloss
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WET FILM THICKNESS EACH COAT	DRY FILM THICKNESS EACH COAT	N° OF COATS	TOTAL DRY FILM THICKNESS
3.5 mil	2 mil	1 or 2 coats to achieve the total desired thickness	3 mil
DRYING		Ŭ.	(m) O
OVERCOATING INTERVAL	AIR DRYING	DUST-FREE DRYING	DRY TO TOUCH
2 hours	68°F - 20°C	15 - 20 minutes	1 - 3 hours
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DRY THROUGH	FULL CURE	FLASH OFF	STOVING DRYING

# **EPOKIM GLOSSY**

**Series 0425** Glossy, epoxy-based enamel



HIGH GLOSS GOOD BODY EFFECT CHEMICAL & MECHANICAL RESISTANCE



# TECHNICAL DATA

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THEORETICAL AVERAGE SPREADING RATE	APPLICATION	REDUCE UP TO	GLOSS
407 ft²/gal each coat at the dry film thickness of 2 mil	Spray	10-15% with Epoxy Thinner Series 0981	85 - 98 gloss
<b>۹</b>			
WET FILM THICKNESS EACH COAT	DRY FILM THICKNESS EACH COAT	N° OF COATS	TOTAL DRY FILM THICKNESS
	2 mil	1 or 2 coats to	3.5 mil
4 mil	2	achieve the total desired thickness	
		achieve the total	
		achieve the total desired thickness	Int o touch
ORYING OVERCOATING INTERVAL 6 - 96 hours		achieve the total desired thickness	
DRYING OVERCOATING INTERVAL 6 - 96 hours (after it is necessary		achieve the total desired thickness	DRY TO TOUCH
OVERCOATING INTERVAL 6 - 96 hours (after it is necessary to sand)	Air Drying 68°F - 20°C	achieve the total desired thickness UUST-FREE DRYING 30 minutes	DRY TO TOUCH

# **TECHNICAL FEATURES**

Glossy, epoxy enamel characterized by excellent resistance to acids and weak alkalis, high gloss and mechanical resistance. The product can be used for direct adhesion to metal even if it does not have anti-corrosive properties and grants good adhesion for products dedicated to indoor use.

# **APPLICATION FIELD**

Glossy epoxy enamel ideal as final coat for iron, light alloys or galvanized metal supports where good chemical and mechanical resistance are required. Particularly suitable for chemical plants, pumps, industrial plants, electro-medical equipment, machine tools, electro-medical equipment, metal furnishing and carpentry.

#### **GENERAL INFORMATION**

System: Two pack - 2K Nature: Solvent-based Packages: 1 gal Tinting Service: Tinting service with solvent-based colorants Series 0615 Color cards: Ral 841 GL, Ncs 2050, Colorado Box 2.0

SERIES	HARDENER	CATALYSIS	USE	POT LIFE AT 68°F - 20°C	PACKAGE
0917	EPOX FAST HARDENER	3 : 1 by volume	For high thickness application	6 hours	1 qt - 1 gal

# **ACRYLIC AND POLYURETHANE ENAMELS**

**ISO 90 GLOSSY** 

**Series 0410** Glossy, polyurethane enamel





# **TECHNICAL FEATURES**

2K, glossy enamel based on hydroxylated polyester resins and isocyanates, characterized by high gloss, body effect, mechanical and outdoor resistance and ease of application. The product is characterized also by high surface hardness and scratch resistance.

# **APPLICATION FIELD**

Polyurethane glossy enamel ideal as glossy final coat for the ACE sector (i.e. agricultural and earthmoving machinery and machines for handling and lifting), for small means of transport such as van and minibuses, special fittings for industrial bodywork, light and heavy carpentry, industrial machinery where high gloss, good flow and remarkable resistance to UV rays are required.

## **GENERAL INFORMATION**

System: Two pack - 2K Nature: Solvent-based Packages: 1 gal - 4 gal Tinting Service: Tinting service with solvent-based colorants Series 0615 Color cards: Ral 841 GL, Ncs 2050, Colorado Box 2.0



# **TECHNICAL DATA**

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THEORETICAL AVERAGE SPREADING RATE	APPLICATION	REDUCE UP TO	GLOSS
490 ft²/gal each coat at the dry film thickness of 1.5 mil	Spray	5-10% with Pur Thinner Series 0988	88 - 98 gloss
WET FILM THICKNESS EACH COAT	DRY FILM THICKNESS EACH COAT	N° OF COATS	TOTAL DRY FILM THICKNESS
3.5 mil	1.5 mil	1 or 2 coats to achieve the total desired thickness	3 mil
DRYING			
٥		Č.	(m) O
OVERCOATING INTERVAL	AIR DRYING	DUST-FREE DRYING	DRY TO TOUCH
4 - 96 hours (after it is necessary to sand)	68°F - 20°C	20 - 30 minutes	1 - 2 hours
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DRY THROUGH	FULL CURE	FLASH OFF	STOVING DRYING
24 - 36 hours	14 days	4 hours	30 minutes

# CATALYSIS

SERIES	HARDENER	CATALYSIS Binder	CATALYSIS White	USE	POT LIFE AT 68°F - 20°C	PACKAGE
1392	HS PLUS 420 HARDENER	4:1 by volume	3:1 by volume	Standard	3 hours	1 qt - 1 gal

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# **ACRYLIC AND POLYURETHANE ENAMELS**

# **ISO 90 SATIN**

Series 0413 Satin finish, polyurethane enamel







**TECHNICAL DATA** 

# **TECHNICAL FEATURES**

2K, satin finish enamel based on hydroxylated polyester and isocyanate resins, characterized by high body effect, mechanical and outdoor resistance and ease of application. The product is characterized also by high surface hardness and scratch resistance.

# **APPLICATION FIELD**

Polyurethane satin finish enamel ideal as satin finish final coat for the ACE sector (i.e. agricultural and earthmoving machinery and machines for handling and lifting), for small means of transport such as van and minibuses, special fittings for industrial bodywork, light and heavy carpentry, industrial machinery where high gloss retention and good flow are required.

## **GENERAL INFORMATION**

System: Two pack - 2K Nature: Solvent-based Packages: 1 gal - 4 gal Tinting Service: Tinting service with solvent-based colorants Series 0615 Color cards: Ral 841 GL, Ncs 2050, Colorado Box 2.0

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THEORETICAL AVERAGE SPREADING RATE	APPLICATION	REDUCE UP TO	GLOSS
455 ft²/gal each coat at the dry film thickness of 1.5 mil	Spray	5-10% with Pur Thinner Series 0988	50 - 60 gloss
<b>۲</b>			
WET FILM THICKNESS EACH COAT	DRY FILM THICKNESS EACH COAT	N° OF COATS	TOTAL DRY FILM THICKNESS
3.5 mil	1,5 mil	1 or 2 coats to achieve the total desired thickness	2.8 mil
DRYING			
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OVERCOATING INTERVAL	AIR DRYING	DUST-FREE DRYING	DRY TO TOUCH
4 - 96 hours (after it is necessary to sand)	68°F - 20°C	20 - 30 minutes	1 - 2 hours
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DRY THROUGH	FULL CURE	FLASH OFF	STOVING DRYING
24 - 36 hours	14 days	4 hours at 68°F - 20°C	30 minutes at 104°F - 40°C

SERIES	HARDENER	CATALYSIS	USE	POT LIFE AT 68°F - 20°C	PACKAGE
1392	HS PLUS 420 HARDENER	4:1 by volume	Standard	4 hours	1 qt - 1 gal

# **ACRYLIC AND POLYURETHANE ENAMELS**

ISO 90 MATT

**Series 1230** Matt polyurethane enamel





# **TECHNICAL FEATURES**

2K matt enamel based on hydroxylated polyester resins and isocyanates, characterized by high body effect, mechanical and weather resistance, ease of application. The product also has a high surface hardness.

## **APPLICATION FIELD**

Product ideal as a matt polyurethane finishing coat for the whole ACE sector (i.e. agricultural machinery, earthmoving and handling and lifting machinery), special fittings for industrial bodywork, light and heavy carpentry, industrial machinery where high gloss and good flow are required.

#### **GENERAL INFORMATION**

System: Two pack - 2K Nature: Solvent-based Packages: 1 gal Tinting Service: Tinting service with solvent-based colorants Series 0615 Color cards: Ral 841 GL, Ncs 2050, Colorado Box 2.0



# **TECHNICAL DATA**

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THEORETICAL AVERAGE SPREADING RATE	APPLICATION	REDUCE UP TO	GLOSS
411 ft²/gal each coat at the dry film thickness of 1.5 mil	Spray	15-20% with Pur Thinner Series 0988	1 - 5 gloss
WET FILM THICKNESS EACH COAT	DRY FILM THICKNESS EACH COAT	N° OF COATS	TOTAL DRY FILM THICKNESS
4 mil	1.5 mil	l or 2 coats to achieve the total desired thickness	3 mil
DRYING			
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OVERCOATING INTERVAL	AIR DRYING	DUST-FREE DRYING	DRY TO TOUCH
4 - 96 hours (after it is necessary to sand)	68°F - 20°C	20 - 30 minutes	1 - 2 hours
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DRY THROUGH	FULL CURE	FLASH OFF	STOVING DRYING
24 - 36 hours	14 days	5 -10 minutes at 68°F - 20°C	30 minutes at 122°F - 140°F (50°C - 60°C)

SERIES	HARDENER	CATALYSIS	USE	POT LIFE AT 68°F - 20°C	PACKAGE
1392	HS PLUS 420 HARDENER	4:1 by volume	Standard	6 hours	1 qt - 1 gal

# **METAKRYL SEMI-GLOSSY DTM UHS**

## Series 1269

DTM, HS, semi-glossy, acryl polyurethane enamel for metal, light alloys and galvanized steel







# **TECHNICAL FEATURES**

Semi-glossy UHS (Ultra High Solid if hardened with Series 1392) direct to metal enamel for metal, light alloys and galvanized steel. Product formulated with particular hydroxylated acrylic resins and aliphatic polyisocyanates. The presence of special corrosion inhibitors gives the product high anti-corrosive resistance. Enamel particularly characterized by excellent outdoor resistance, good anti-corrosive power on iron and excellent adhesion to galvanized steel. Particularly versatile product for use on different substrates, from metals, to glass (with suitable adhesion promoting additive), plastics.

# **APPLICATION FIELD**

Suitable as a base coat with a semi-glossy finish with good anticorrosive power for metal substrates in those cases in which it is intended to shorten painting times. It is ideal for painting robotics, industrial automation, parts and components of the ACE sector where high productivity and speed of handling of the painted products are required. Depending on the type of reduction and equipment, a fine textured finish effect can also be obtained by using suitable nozzles.

## **GENERAL INFORMATION**

System: Two pack - 2K

Nature: Solvent-based

Packages: 1 gal

*Tinting Service:* Tinting service with solvent-based colorants Series 0615

Suitable Substrates: Iron, Cast iron, Galvanized surfaces, Light alloys, Thermoplastics (ABS, PVC, PC), Fiberglass and Thermosetting plastics, Glass, Sandblasted Iron - Sandblasting Sa 1-2, Sandblasted Iron - Sandblasting Sa 2,5-3, Hot-dip galvanization

Color cards: Ral 841 GL, Ncs 2050, Colorado Box 2.0

# **TECHNICAL DATA**

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THEORETICAL AVERAGE SPREADING RATE	APPLICATION	REDUCE UP TO	GLOSS
607.1 ft²/gal each coat at the dry film thickness of 1.5 mil	Spray, Brush, Roller	5% with Pur Thinner Series 0988	40 - 50 gloss
WET FILM THICKNESS EACH COAT	DRY FILM THICKNESS EACH COAT	N° OF COATS	TOTAL DRY FILM THICKNESS
2.5 mil	1.5 mil	1 or 2 coats to achieve the total desired thickness	3.5 mil
DRYING			
٥		Č.	(M) (O)
OVERCOATING			
INTERVAL	AIR DRYING	DUST-FREE DRYING	DRY TO TOUCH
	AIR DRYING 68°F - 20°C	DUST-FREE DRYING	DRY TO TOUCH 1 - 2 hours
INTERVAL 4 - 96 hours (after it is necessary			
INTERVAL 4 - 96 hours (after it is necessary to sand)	68°F - 20°C	20 - 30 minutes	

SERIES	HARDENER	CATALYSIS	USE	POT LIFE AT 68°F - 20°C	PACKAGE
1392	HS PLUS 420 HARDENER	10 : 1 by volume	Standard	6 hours	1qt - 1 gal

# **DTM - DIRECT TO METAL POLYACRYLIC ENAMELS**

# **ACRYTIX DTM HS**

## Series 1274

Thixotropic acrylic-polyurethane enamel, high-quality DTM, for metal, light alloys and galvanized sheet metal







# TECHNICAL FEATURES

2K thixotropic acrylpolyurethane enamel suitable for outdoor and indoor application, characterized by DTM properties. It has excellent drying speed and reduced handling times, glossy and high body, outdoor resistance and good anti-corrosive properties. Depending on the thixotropic structure, it allows excellent opacity on the edges.

# **APPLICATION FIELD**

2K glossy enamel ideal for single-coat painting of metal products such as heavy and light carpentry, earth-moving machines, machine tools where rapid handling and good direct adhesion to metal supports and galvanized metal sheet are required.

# **GENERAL INFORMATION**

System: Two pack - 2K Nature: Solvent-based

Packages: 1 gal

Tinting Service: Tinting service with solvent-based colorants Series 0615

Suitable Substrates: Iron, Cast iron, Galvanized surfaces, Light alloys, Thermoplastics (ABS, PVC, PC), Fiberglass and Thermosetting plastics, Sandblasted Iron - Sandblasting Sa 1-2, Sandblasted Iron - Sandblasting Sa 2,5-3, Hot-dip galvanization Color cards: Ral 841 GL, Ncs 2050, Colorado Box 2.0

# TECHNICAL DATA

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THEORETICAL AVERAGE SPREADING RATE	APPLICATION	REDUCE UP TO	GLOSS
326 ft²/gal each coat at the dry film thickness of 2.5 mil	Spray	5-10% with Pur Thinner Series 0988	85 - 95 gloss
<b>*</b>			
WET FILM THICKNESS EACH COAT	DRY FILM THICKNESS EACH COAT	N° OF COATS	TOTAL DRY FILM THICKNESS
5 mil	2.5 mil	1 or 2 coats to achieve the total desired thickness	4.5 mil
		desired mickness	
DRYING		desired mickness	
DRYING			Of the second se
DRYING OVERCOATING INTERVAL			DRY TO TOUCH
OVERCOATING	<u> </u>	<u>ن</u>	
OVERCOATING INTERVAL 4 - 96 hours (after it is necessary	AIR DRYING	ن بن المعالم المعالم المعالم المعالم	DRY TO TOUCH
OVERCOATING INTERVAL 4 - 96 hours (after it is necessary to sand)	AIR DRYING 68°F - 20°C	DUST-FREE DRYING 10 - 15 minutes	DRY TO TOUCH

SERIES	HARDENER	CATALYSIS	USE	POT LIFE AT 68°F - 20°C	PACKAGE
1392	HS PLUS 420 HARDENER	4:1 by volume	HS, slow for outdoor use	3 hours	1qt - 1 gal

# **ACRYVER GLOSSY DTM HS**

# Series 1788

DTM, glossy, acrylic polyurethane enamel for metal, light alloys and galvanized steel







# **TECHNICAL FEATURES**

DTM anti-corrosive glossy acrylic polyurethane enamel suitable for direct applications to iron and galvanized sheet with high adhesion properties. Glossy product that can be used on various surfaces such as plastics and thermosetting materials, metals and glass (after adding the adhesion promoter additive). The product has good resistance to water and chemicals in general, and also has good scratch resistance.

# **APPLICATION FIELD**

Glossy acrylic polyurethane enamel direct to metal indicated as a finishing primer for metal supports, with good anti-corrosive properties. Product ideal for applications of parts and components of the ACE sector, robotics and industrial automation, giving high productivity and speed of handling.

## **GENERAL INFORMATION**

System: Two pack - 2K Nature: Solvent-based

Packages: 1 gal

*Tinting Service:* Tinting service with solvent-based colorants Series 0615

Suitable Substrates: Iron, Galvanized surfaces, Light alloys, Thermoplastics (ABS, PVC, PC), Fiberglass and Thermosetting plastics, , Sandblasted Iron - Sandblasting Sa 1-2, Sandblasted Iron - Sandblasting Sa 2,5-3, Hot-dip galvanization Color cards: Ral 841 GL, Ncs 2050, Colorado Box 2.0

# **TECHNICAL DATA**

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THEORETICAL AVERAGE SPREADING RATE	APPLICATION	REDUCE UP TO	GLOSS
309 ft²/gal each coat at the dry film thickness of 2.5 mil	Spray	5-7% with Pur Thinner Series 0988	88 - 98 gloss
<b>*</b>			
WET FILM THICKNESS EACH COAT	DRY FILM THICKNESS EACH COAT	N° OF COATS	TOTAL DRY FILM THICKNESS
5 mil	2.5 mil	1 or 2 coats to achieve the total desired thickness	4 mil
		desired mickness	
DRYING		desired mickness	
DRYING			الله الله الله
DRYING OVERCOATING INTERVAL			DRY TO TOUCH
OVERCOATING	<b>_</b> 55	Č I	
OVERCOATING INTERVAL 4 - 96 hours (after it is necessary	AIR DRYING	ن بن المعالم ال DUST-FREE DRYING	DRY TO TOUCH
OVERCOATING INTERVAL 4 - 96 hours (after it is necessary to sand)	AIR DRYING 68°F - 20°C	DUST-FREE DRYING 10 - 15 minutes	DRY TO TOUCH

SERIES	HARDENER	CATALYSIS	USE	POT LIFE AT 68°F - 20°C	PACKAGE
1392	HS PLUS 420 HARDENER	4:1 by volume	HS, slow for outdoor use	4 hours	1 qt - 1 gal

# **ACRYVER SEMI-GLOSSY DTM HS**

# Series 1779

DTM, high quality, tixotropic, acrylic polyurethane enamel for metal, light alloys and galvanized steel





# **TECHNICAL FEATURES**

HS (High Solid), DTM semi-glossy, acrylpolyurethane enamel for metal, light alloys and galvanized steel metal. Product formulated with particular hydroxylated acrylic resins and aliphatic polyisocyanates. The presence of special corrosion inhibitors gives the product a high anti-corrosive resistance. Enamel particularly characterized by excellent outdoor resistance, good anti-corrosive power on iron and excellent adhesion to galvanized sheet, as well as rapid drying.

The product can also be applied on cement-based substrates intended for outdoor use, to create a colored, anti-dust, thin film coating. The product can also be applied to outdoor cement substrates, as colored, thin-film thickness, anti-dust product. The product has been tested relating to the BCRA method which determinates the coefficient of the dynamic friction in order to verify the resistance to slipperiness on the cement supports.

# **APPLICATION FIELD**

Polyacrylic enamel direct to metal, ideal as semi-glossy base coat with good anti-corrosive properties for metal substrates in those cases in which it is intended to shorten coating times. Ideal for painting robotics, industrial automation, parts and components of the Ace sector where high productivity and speed of handling of the painted products are required. It can also be applied to outdoor concrete floors.

## **GENERAL INFORMATION**

System: Two pack - 2K Nature: Solvent-based

Packages: 1 gal - 4 gal

Tinting Service: Tinting service with solvent-based colorants Series 0615

Suitable Substrates: Iron, Cast iron, Galvanized surfaces, Light alloys, Aluminium, Thermoplastics (ABS, PVC, PC), Fiberglass and Thermosetting plastics, Concrete, Sandblasted Iron -Sandblasting Sa 1-2, Sandblasted Iron - Sandblasting Sa 2,5-3, Hot-dip galvanization

Color cards: Ral 841 GL, Ncs 2050, Colorado Box 2.0



# TECHNICAL DATA

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THEORETICAL AVERAGE SPREADING RATE	APPLICATION	DILUTION	GLOSS
366 ft²/gal each coat at the dry film thickness of 2 mil	Spray, Roller	5-10% with Pur Thinner Series 0988	50 - 60 gloss
₽ 			lı <b>b</b>
WET FILM THICKNESS EACH COAT	DRY FILM THICKNESS EACH COAT	N° OF COATS	TOTAL DRY FILM THICKNESS
4.5 mil	2 mil	1 or 2 coats to achieve the total desired thickness	3.5 mil
DRYING			
-			
		Ŭ	(1) (1) (1) (1) (1) (1) (1) (1) (1) (1)
OVERCOATING	AIR DRYING	Ŭ	DRY TO TOUCH
	<b></b>		
INTERVAL 4 - 96 hours (after it is necessary	AIR DRYING	DUST-FREE DRYING	DRY TO TOUCH
INTERVAL 4 - 96 hours (after it is necessary to sand)	AIR DRYING 68°F - 20°C	DUST-FREE DRYING 20 - 30 minutes	DRY TO TOUCH

SERIES	HARDENER	CATALYSIS	USE	POT LIFE AT 68°F - 20°C	PACKAGE
1392	HS PLUS 420 HARDENER	4:1 by volume	Standard	3 hours	1 qt - 1 gal

# **ACRYVER MATT DTM HS**

# Series 1260

DTM, matt acrylic polyurethane enamel for metal, light alloys, galvanized steel and aluminium







# **TECHNICAL FEATURES**

HS (High Solid) direct to metal matt acrylic polyurethane enamel for metal, light alloys and galvanized steel. Product formulated with particular hydroxylated acrylic resins and aliphatic polyisocyanates. The presence of special corrosion inhibitors gives the product a high anti-corrosive resistance. Enamel particularly characterized by excellent outdoor resistance, good anti-corrosive power on iron and excellent adhesion to galvanized steel, as well as fast drying.

# **APPLICATION FIELD**

Polyacrylic enamel direct to metal ideal as a matt finish base coat with good anti-corrosive power for metal substrates in those cases in which it is intended to shorten painting times. It is ideal for painting robotics, industrial automation, parts and components

of the ACE sector where high productivity and speed of handling of the painted products are required.

Depending on the type of reducer and equipment, a fine textured finish effect can also be obtained by using suitable nozzles.

## **GENERAL INFORMATION**

System: Two pack - 2K Nature: Solvent-based Packages: 1 gal Tinting Service: Tinting service with solvent-based colorants Series 0615 Suitable Substrates: Galvanized surfaces, Light alloys, Aluminium Color cards: Ral 841 GL, Ncs 2050, Colorado Box 2.0

# **TECHNICAL DATA**

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THEORETICAL AVERAGE SPREADING RATE	APPLICATION	REDUCE UP TO	GLOSS
318 ft²/gal each coat at the dry film thickness of 2.5 mil	Spray	5-10% with Pur Thinner Series 0988	8 - 12 gloss
WET FILM THICKNESS EACH COAT	DRY FILM THICKNESS EACH COAT	N° OF COATS	TOTAL DRY FILM THICKNESS
5 mil	2.5 mil	2	3.5 mil
DRYING			(m) (d)
OVERCOATING INTERVAL	AIR DRYING	DUST-FREE DRYING	DRY TO TOUCH
4 - 96 hours (after it is necessary to sand)	68°F - 20°C	20 - 30 minutes	1 - 2 hours
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DRY THROUGH	FULL CURE	FLASH OFF	STOVING DRYING
24 - 36 hours	14 days	-	30 minutes at 122°F - 140°F (50°C - 60°C)

SERIES	HARDENER	CATALYSIS	USE	POT LIFE AT 68°F - 20°C	PACKAGE
1392	HS PLUS 420 HARDENER	4:1 by volume	HS, slow for outdoor use	6 hours	1 qt - 1 gal

# Industry

# CAR-REFINISH LINE

The range of products includes: high-adhesion and flow, **epoxy and acrylic primers** with low absorption of the gloss of the final coats; **1K**, **matt base-coats** used as intermediate coats in metallic and pastel shades for 2 coat coating systems; **finishing enamels, acrylic topcoats, high solid coats and polyacrylic paints** to be colored in pastel shades. The products are formulated with pigments that provide high outdoor resistance, excellent surface hardness, gloss, flow and fast drying.

The range is completed with **2K**, **acrylic clearcoats** characterized by body effect, high surface hardness, excellent gloss and wettability, scratch and yellowing resistance.

The **Fast line products** have been formulated to achieve high cross-linking both at low temperatures and in oven at 60°C, performing complete film hardness much faster than the similar counterpartying products on the market and ensuring perfect flow. The products are ideal for both small repairs requiring fast and precise execution within 24 hours and for the complete refinishing of vehicles.

- Primers
- Base Coats
- Top Coats
- Clear Coats



# ACRIFILLER

# Series 3400

2K, acrylic, sandable filling primer for car-refinsh and industrial vehicles





# **TECHNICAL FEATURES**

2K, multi-surface, acrylic, sandable, filling primer, used in the automotive sector for car-refinish and industrial vehicles. The product has excellent drying speed, high sagging stability and low absorption of the final coat. It can be applied in double coats and in direct gloss systems.

# **APPLICATION FIELD**

The product is ideal as sandable, acrylic primer in coating systems with matt bases in the car-refinish and industrial bodywork sector. It is also suitable for metal supports treated with electrophoresis and plastic material such as ABS and PVC.

## **GENERAL INFORMATION**

System: Two pack - 2K Nature: Solvent-based Packages: 4 I Colors ready in stock: Grey Ral 7040 Suitable Substrates: Iron, Thermoplastics (ABS, PVC, PC), Fiberglass and Thermosetting plastics Overcoatable with: Epoxy and polyurethane enamels



# **TECHNICAL DATA**

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THEORETICAL AVERAGE SPREADING RATE	APPLICATION	REDUCE UP TO	GLOSS
366.7 ft²/gal each coat at the dry film thickness of 2 mil	Spray	5-10% with Unithinner Series 0934 or Pur Thinner Series 0988	-
WET FILM THICKNESS EACH COAT	DRY FILM THICKNESS EACH COAT	N° OF COATS	TOTAL DRY FILM THICKNESS
4.5 mil	2 mil	2 coats to achieve the total desired thickness	4 mil
DRYING			
		Č N	( the second sec
OVERCOATING INTERVAL	AIR DRYING	DUST-FREE DRYING	DRY TO TOUCH
1 - 48 hours (later, it is necessary to sand)	68°F - 20°C	5 minutes	1 hour
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DRY THROUGH	FULL CURE	FLASH OFF	STOVING DRYING
12 hours	4 days	Between the two coats: 1-2 minutes;	30 minutes at 140°F - 60°C

SERIES	HARDENER	CATALYSIS	USE	POT LIFE AT 68°F - 20°C	PACKAGE
0929	PUR ALIPHATIC HARDENER	4:1 by volume	Non yellowing for outdoor use	1 hour	11

# **ACRIFILLER FAST**

# Series 3470

2K acrylic, ultra-fast, sandable filling primer for car-refinish and industrial vehicles





# **TECHNICAL FEATURES**

2K, Ultra High Solid, very fast drying, multi-surface, sandable, acrylic filling primer for bodywork, with filling properties used in the automotive sector for car-refinish and industrial vehicles. It is suitable as first coat for substrates made of iron, iron coated with a primer or made of plastic (ABS and PVC).

The product has excellent drying speed, high sagging stablity and low absorption of the finish. It can be applied in two coat systems and in direct gloss systems.

# **APPLICATION FIELD**

As an ultra-fast filling and sandable primer (P800/1000 wet paper, P400/P600 dry paper) for car-refinish and industrial vehicles.

# **GENERAL INFORMATION**

System: Two pack - 2K Nature: Solvent-based Packages: 4 1 Colors ready in stock: Grey Ral 7040 Suitable Substrates: Iron, Thermoplastics (ABS, PVC, PC), Fiberglass and Thermosetting plastics Overcoatable with: Acrylic and polyurethane enamels



# TECHNICAL DATA

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THEORETICAL AVERAGE SPREADING RATE	APPLICATION	REDUCE UP TO	GLOSS
366.7 ft²/gal each coat at the dry film thickness of 2 mil	Spray	5-10% with Pur Thinner Series 0988	-
<b>*</b>			
WET FILM THICKNESS EACH COAT	DRY FILM THICKNESS EACH COAT	N° OF COATS	TOTAL DRY FILM THICKNESS
4.5 mil	2 mil	2 coats to achieve the total desired thickness	4 mil
DRYING			
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OVERCOATING INTERVAL	AIR DRYING	DUST-FREE DRYING	DRY TO TOUCH
1 - 24 hours (later, it is necessary	68°F - 20°C	5 minutes	30 minutes
to sand)			
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SERIES	HARDENER	CATALYSIS	USE	POT LIFE AT 68°F - 20°C	PACKAGE
0929	PUR ALIPHATIC HARDENER	4:1 by volume	Non-yellowing for outdoor use	20 minutes	11

# ACRIMATT Series 3000 1K matt base coat



EXTREMELY FAST DRYING LEAFING ALUMINIUM OVERCOATABLE WITH 2K CLEAR PAINTS



# **TECHNICAL FEATURES**

1K solvent-based matt base coat for car-refinishing and industrial bodywork for the creation of metallic and solid pastel colors. It is the ideal product if a high quality system is required, the base coat is characterized by fast drying, pleasant aesthetic effect and ease of application, thanks to the correct orientation function of pearls and aluminium.

# **APPLICATION FIELD**

Matt base coat indicated as an intermediate coat in the coating systems for cycles of the car-refinish and industrial bodywork sector.

## **GENERAL INFORMATION**

System: One pack - 1K Nature: Solvent-based Packages: 4 I Tinting Service: Tinting service with solvent-based colorants

Series 0615 Colors ready in stock: Fine Grain Aluminium, Coarse Grain

Aluminium, Medium Grain Aluminium, White, Black **Color cards:** Ral 841 GL, Ncs 2050, Colorado Box 2.0, Colorado Met

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THEORETICAL AVERAGE SPREADING RATE	APPLICATION	REDUCE UP TO	GLOSS
252.6 ft²/gal each coat at the dry film thickness of 1 mil	Spray	60% with Unithinner Series 0934	-
WET FILM THICKNESS EACH COAT	DRY FILM THICKNESS EACH COAT	N° OF COATS	TOTAL DRY FILM THICKNESS
6 mil	1 mil	2 coats to achieve the total requested thickness	1.5 mil
DRYING			
DRYING		Č X	Ŏ
DRYING OVERCOATING INTERVAL	Air Drying	UUST-FREE DRYING	DRY TO TOUCH
OVERCOATING			
OVERCOATING INTERVAL	AIR DRYING	DUST-FREE DRYING	DRY TO TOUCH
OVERCOATING INTERVAL 20 minutes - 6 hours	<b>AIR DRYING</b> 68°F - 20°C	DUST-FREE DRYING 5 - 10 minutes	DRY TO TOUCH

# **ACRITOP FAST**

**Series 3950** UHS fast drying glossy acrylic enamel for top coat





# **TECHNICAL FEATURES**

Acrylic enamel with particularly fast polymerization that allows it to be used even in natural drying conditions at room temperature without the aid of the stove cabin. The product is characterized by a high sagging stability, excellent flow, important surface hardness, high mechanical resistance and ease of application.

# **APPLICATION FIELD**

Ultra high solid acrylic enamel ideal as a final coat in solid/ pastel for car-refinsh coating systems, industrial bodywork and industrial vehicles. This product is also applicable for products in the ACE sector when a car-refinish finish is requested, thanks to the features of high quality, body effect and filling power typical of the products. These attitudes relating to the automotive sector allow, in fact, to enhance the finishes of agricultural machinery, earthmoving machinery, high quality industrial machinery, metal structures to the point of elevating them to bodywork products. It is the ideal product where high resistance to atmospheric agents and excellent gloss and color retention are required.

## **GENERAL INFORMATION**

System: Two pack - 2K Nature: Solvent-based Packages: 1 gal - 4 gal Tinting Service: Tinting service with solvent-based colorants Series 0615 Colors ready in stock: White Color cards: Ral 841 GL, Colorado Box 2.0



# TECHNICAL DATA

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THEORETICAL AVERAGE SPREADING RATE	APPLICATION	REDUCE UP TO	GLOSS
521.5 ft²/gal each coat at the dry film thickness of 1.5 mil	Spray	5-10% with Pur Thinner Series 0988	90 - 95 gloss
WET FILM THICKNESS EACH COAT	DRY FILM THICKNESS EACH COAT	N° OF COATS	TOTAL DRY FILM THICKNESS
3 mil	1.5 mil	1 or 2 coats to achieve the total desired thickness	2.5 mil
DRYING			
DRYING		Č	(ph g
DRYING OVERCOATING INTERVAL		UUST-FREE DRYING	الله الله الله الله الله الله الله الله
OVERCOATING	Air Drying 68°F - 20°C		
OVERCOATING INTERVAL 1 - 48 hours (after it is necessary		DUST-FREE DRYING	DRY TO TOUCH
INTERVAL 1 - 48 hours (after it is necessary	68°F - 20°C	DUST-FREE DRYING 20 - 30 minutes	DRY TO TOUCH

SERIES	HARDENER	CATALYSIS	USE	POT LIFE AT 68°F - 20°C	PACKAGE
1392	HS PLUS 420 HARDENER	4:1 by volume	HS, slow for outdoor use	2 hours	1 qt - 1 gal

# **ACRIGLASS FAST UHS 420**

# Series 3420

Ultra fast, high solid, acrylic clear coat



# **TECHNICAL FEATURES**

2K acrylic clear coat based on acrylic resins and aliphatic hardeners, with very high solid content and low VOC content, characterized by high gloss and transparency, low yellowing, very fast hardening and outdoor resistance, for high quality finishes such as those required in the Car-Refinish sector. The product is formulated to meet the needs of the market, which requires ever faster coating systems to obtain greater daily productivity and delivery of the products in a short time. It also avoids the use of the drying stove or the standard drying time of 30' at 40°F (60°C) in favour of 10' drying at 40°F (60°C).

# **APPLICATION FIELD**

Clear, acrylic final coat for car-refinish coating systems and industrial bodywork. Ideal product for small repairs to be delivered within 24 hours or within 2 days, i.e. when a very rapid physical drying is required. 2 hours after the application, it is possible to handle the piece or the artifact. Also ideal for large surfaces or for the complete makeover of the vehicle thanks to its excellent wettability.

#### **GENERAL INFORMATION**

System: Two pack - 2K Nature: Solvent-based Packages: 5 |



# TECHNICAL DATA

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THEORETICAL AVERAGE SPREADING RATE	APPLICATION	REDUCE UP TO	GLOSS
672 ft²/gal each coat at the dry film thickness of 1 mil	Spray	Ready to be used	95 - 100 gloss
۵ ۲			
WET FILM THICKNESS EACH COAT	DRY FILM THICKNESS EACH COAT	N° OF COATS	TOTAL DRY FILM THICKNESS
2.5 mil	1 mil	2 coats to achieve the total requested thickness	2.5 mil
DRYING			
DRYING		Ŭ zi	
DRYING OVERCOATING INTERVAL	AIR DRYING	ن المعالم المعا DUST-FREE DRYING	DRY TO TOUCH
OVERCOATING			
OVERCOATING	AIR DRYING	DUST-FREE DRYING	DRY TO TOUCH
OVERCOATING INTERVAL	AIR DRYING 68°F - 20°C	DUST-FREE DRYING 30 minutes	DRY TO TOUCH

SERIES	HARDENER	CATALYSIS	USE	POT LIFE AT 68°F - 20°C	PACKAGE
1385	STANDARD UHS ACRYLIC HARDENER	2:1 by volume	Standard UHS	1 hour	2.5

# ACRIGLASS KRISTAL HS ANTI-SCRATCH

# Series 3220

2K, HS, acrylic clear coat with anti-scratch effect





ANTI-SCATCH

YELLOWING RESISTANCE



# TECHNICAL DATA

# **TECHNICAL FEATURES**

High solid 2K acrylic clear coat characterized by a pleasant aesthetic effect, high surface hardness, maximum transparency in order to highlight the matt bases and anti-scratch function.

# **APPLICATION FIELD**

Scratch-resistant acrylic clear coat suitable to be used as topcoat in coating systems with matt bases in the car-refinishing and industrial bodywork sector.

#### **GENERAL INFORMATION**

System: Two pack - 2K Nature: Solvent-based Packages: 5 |

<b>m</b> <sup>2</sup>	ŢŢ		*
THEORETICAL AVERAGE SPREADING RATE	APPLICATION	REDUCE UP TO	GLOSS
338.2 ft²/gal each coat at the dry film thickness of 2 mil	Spray	10% with Unithinner Series 0934	95 - 100 gloss
<del>م</del>			
WET FILM THICKNESS EACH COAT	DRY FILM THICKNESS EACH COAT	N° OF COATS	TOTAL DRY FILM THICKNESS
5 mil	2 mil	2 coats to achieve the total requested thickness	2.5 mil
DRYING			
0			
		Č.	J.
OVERCOATING INTERVAL	AIR DRYING	<b>Ö</b> <b>DUST-FREE DRYING</b>	DRY TO TOUCH
	<b></b>		
	AIR DRYING	DUST-FREE DRYING	DRY TO TOUCH
	AIR DRYING 68°F - 20°C	DUST-FREE DRYING	DRY TO TOUCH

SERIES	HARDENER	CATALYSIS	USE	POT LIFE AT 68°F - 20°C	PACKAGE
1383	STANDARD HS HARDENER	2:1 by volume	Standard	1 hour	2.5

# Industry

# SPECIAL Products

The **special** available products have been expressly formulated to meet the needs of **many sectors**.

**1k multi-support products** by virtue of their applicability on several substrates such as iron surfaces, galvanized steel and some thermoplastic materials.

The range includes the range of aluminium silicone and phenyl-silicone enamels, either black or to be colored, able to offer variable heat resistance up to 932°F - 500°C or 1112°F - 600°C.

- Various products
- High temperature silicone-based products



# PRISMACRYL

# Series 1761

One-coat, satin-finish enamel for galvanized steel and light alloys



FAST POLYMERISATION ADHESION TO GALVANIZED & CAST IRON APPLICATION BY SPRAY & BRUSH



1K, one-coat, satin-finish enamel formulated with acrylic resins and special additives. The product is multi-support by virtue of its applicability on several substrates such as ferrous surfaces, galvanized steel and some thermoplastic materials.

# **APPLICATION FIELD**

Ideal for maintenance, specially formulated to effectively protect works of different materials and above all galvanized steel, without the need for preventive primers.

It is ideal for the maintenance of light civil carpentry objects.

## **GENERAL INFORMATION**

System: One pack - 1K

Nature: Solvent-based

Packages: 1 gal

*Tinting Service:* Tinting service with solvent-based colorants Series 0615

**Suitable Substrates:** Iron, Cast iron, Galvanized surfaces, Thermoplastics (ABS, PVC, PC), Fiberglass and Thermosetting plastics

Color cards: Ral 841 GL, Ncs 2050, Colorado Box 2.0



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THEORETICAL AVERAGE SPREADING RATE	APPLICATION	REDUCE UP TO	GLOSS
407 ft²/gal each coat at the dry film thickness of 2 mil	Brush, Spray, Roller	Ready to be used; 1-5% with Synthetic Thinner 90 Series 0955	25 - 35 gloss
<b>۲</b>			
WET FILM THICKNESS EACH COAT	DRY FILM THICKNESS EACH COAT	N° OF COATS	TOTAL DRY FILM THICKNESS
4 mil	2 mil	1 or 2 coats to achieve the total desired thickness	3 mil
DRYING			
		Ŭ.	(p) O
OVERCOATING INTERVAL	AIR DRYING	DUST-FREE DRYING	DRY TO TOUCH
12 hours	68°F - 20°C	30 minutes	2 - 3 hours
٥			
DRY THROUGH	FULL CURE	FLASH OFF	STOVING DRYING
24 - 48 hours	7 days	-	-

# HIGH TEMPERATURE SILICONE-BASED PRODUCTS

# **ALUMINIUM AT 600**

# Series 0820

Matt silicone final coat, heat resistant up to 1112°F - 600°C







# **TECHNICAL FEATURES**

Silver silicone paint, matt, heat resistant up to a temperature of 1112°F (600°C).

# **APPLICATION FIELD**

Silicone paint ideal for boilers, intake ducts, metalworking machines, heat generators and chimneys, mufflers and exhaust pipes.

# **GENERAL INFORMATION**

System: One pack - 1K Nature: Solvent-based Packages: 1 gal - 4 gal Colors ready in stock: Aluminium Suitable Substrates: Iron, Cast iron

TECHNICAL DATA	L		
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THEORETICAL AVERAGE SPREADING RATE	APPLICATION	REDUCE UP TO	GLOSS
419.7 ft <sup>2</sup> /gal each coat at the dry film thickness of 1 mil	Spray	Ready to be used	-
WET FILM THICKNESS EACH COAT	DRY FILM THICKNESS EACH COAT	N° OF COATS	TOTAL DRY FILM THICKNESS
4 mil	1 mil	1 or 2 coats to achieve the total desired thickness	2 mil
DRYING			
٥		Č 📕	(R) Č
OVERCOATING INTERVAL	AIR DRYING	DUST-FREE DRYING	DRY TO TOUCH
-	68°F - 20°C	50 - 60 minutes	1 - 2 hours
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DRY THROUGH	FULL CURE	FLASH OFF	STOVING DRYING
	7 days	-	60 minutes at 356°F - 392°F (180°C - 200°C)

# **1K BLACK AT 500**

# Series 0817

Matt, silicone-based final coat heat resistant up to 932°F - 500°C







**TECHNICAL DATA** 

# **TECHNICAL FEATURES**

Black finishing paint formulated with heat-resistant pigment and special pure silicone resins, particularly suitable for products subjected to very high temperatures.

# **APPLICATION FIELD**

As a protective silicone finishing for ferrous metal structures such as chimneys, fireplaces, boilers, etc. The product is resistant to operating temperatures of 932°F (500°C), with maximum excursions up to 1022°F (550°C). Before exposing the product to high temperatures, wait 3-4 days leaving the coated substrate at room temperature. Complete hardening is obtained after one hour at 302°F - 356°F (150°C - 180°C).

#### **GENERAL INFORMATION**

System: One pack - 1K Nature: Solvent-based Packages: 1 gal Colors ready in stock: Black

#### ₽Ĩ≩ m<sup>2</sup> THEORETICAL APPLICATION **REDUCE UP TO** GLOSS AVERAGE SPREADING RATE 20-30% with 16 - 20 gloss 285.2 ft<sup>2</sup>/gal Sprav each coat at the Anti-blooming Nitro dry film thickness of 1.5 mil Thinner Series 0970 or Synthetic Thinner 90 Series 0955 21 N 1 WET FILM **DRY FILM** TOTAL DRY THICKNESS THICKNESS N° OF COATS **FILM THICKNESS** EACH COAT EACH COAT 5.5 mil 1.5 mil 1 or 2 coats to 2 mil achieve the total desired thickness DRYING YR Ö ١ **1** Ŏ OVERCOATING AIR DRYING **DUST-FREE DRYING** DRY TO TOUCH **INTERVAL** 68°F - 20°C 20 - 30 minutes 1 - 2 hours S. งาใก ١ **DRY THROUGH** FULL CURE FLASH OFF **STOVING DRYING** 24 - 36 hours 7 days 60 minutes at 302°F - 356°F (150°C - 180°C)

# Industry

# WATER-BASED Products

Industrial **water-based paint products** with low emissions of volatile organic compounds that allow to reduce environmental pollution and the safety risks for the health of operators. These products guarantee **top-level performances** thanks to the research developments of the latest generation technologies designed to guarantee high adhesion to all substrates, excellent flow, polymerization rapidity, surface hardness and resistance to atmospheric agents.

The range includes **1K** anti-corrosive primers characterized by overcoatability with all types of enamels, **2K epoxy and polyacrylic primers** also in mixed water-solvent systems, which are characterized by excellent wettability of the support and overspray absorption; **1K and 2K epoxy enamels** with excellent mechanical resistance and resistance to industrial oils, also applicable on floors; **polyacrylic enamels** characterized by excellent filling power and high sagging stability.

These ones are characterized by body effect of the film necessary to obtain highquality aesthetic finishes for valuable industrial products such as cranes and earthmoving machines which require outdoor, atmospheric and mechanical abrasion resistance.

- 1K Primers
- 1K Enamels
- 2K Primers
- 2K Enamels





# **AQUAKIM MATT**

# Series 2119

Quick-air drying, matt finish, water-based primer



# **TECHNICAL FEATURES**

1K matt primer based on urethane alkyd resins and corrosion inhibiting pigments. The product is characterized by fast drying, low cosolvent content, good adhesion to ferrous substrates and elasticity over time. The primer is overcoatable with water and solvent-based acrylic and alkyd enamels, both 1K and 2K. It can also be used as a DTM 1K water-based primer and final coat where a matt finish is required.

# **APPLICATION FIELD**

The product is suitable as matt finish primer for metal carpentry, tools, metal structures and agricultural machinery. The product is ideal as primer in coating systems with 2K water- or solventbased polyacrylic final coats.

# **GENERAL INFORMATION**

System: One pack - 1K Nature: Water-based Packages: 1 gal - 4 gal Tinting Service: Tinting service with water-based colorants Series 1195 Suitable Substrates: Iron, Cast iron Overcoatable with: Quick-air drying, water- and solvent-based polyurethane Color cards: Ral 841 GL



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THEORETICAL AVERAGE SPREADING RATE	APPLICATION	REDUCE UP TO	GLOSS
297.4 ft²/gal each coat at the dry film thickness of 2 mil	Spray	1-5% with tap water	5 - 15 gloss
WET FILM THICKNESS EACH COAT	DRY FILM THICKNESS EACH COAT	N° OF COATS	TOTAL DRY FILM THICKNESS
5.5 mil	2 mil	1 or 2 coats to achieve the total desired thickness	3 mil
DRYING			
DRYING		Č H	(PL)
DRYING OVERCOATING INTERVAL	AIR DRYING	ैं। DUST-FREE DRYING	DRY TO TOUCH
OVERCOATING			
OVERCOATING	AIR DRYING	DUST-FREE DRYING	DRY TO TOUCH
OVERCOATING INTERVAL 2 - 6 hours	AIR DRYING 68°F - 20°C	DUST-FREE DRYING 15 - 20 minutes	DRY TO TOUCH

# **AQUADRYL GLOSSY**

**Series 1218** Quick-air drying, glossy, water-based enamel





1K glossy water-based fast drying enamel based on special alkyd resins in aqueous dispersion. Product with good body effect, gloss and fast drying. The product has a good resistance to oils and good outdoor resistance.

# **APPLICATION FIELD**

Product ideal for painting metal structures, carpentry, recycled drums, industrial machines and in particular springs and shock absorbers for trucks and large industrial vehicles.

# **GENERAL INFORMATION**

System: One pack - 1K Nature: Water-based Packages: 4 gal Tinting Service: Tinting service with water-based colorants Series 1195 Color cards: Ral 841 GL



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THEORETICAL AVERAGE SPREADING RATE	APPLICATION	REDUCE UP TO	GLOSS
285 ft²/gal each coat at the dry film thickness of 2 mil	Spray	Ready to be used; 1-3% with tap water	75 - 85 gloss
<b>*</b>			
WET FILM THICKNESS EACH COAT	DRY FILM THICKNESS EACH COAT	N° OF COATS	TOTAL DRY FILM THICKNESS
5.5 mil	2 mil	1 or 2 coats to achieve the total desired thickness	2.5 mil
DRYING			
			(J) Č
OVERCOATING INTERVAL	AIR DRYING	DUST-FREE DRYING	DRY TO TOUCH
2 - 6 hours	68°F - 20°C	15 - 20 minutes	2 - 3 hours
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DRY THROUGH	FULL CURE	FLASH OFF	STOVING DRYING
36 - 48 hours	7 days	15 - 20 minutes at 68°F - 20°C	30 minutes at 122°F - 140°F (50°C - 60°C)

# **AQUAFAST SEMI-GLOSSY DTM**

Series 2138

Semi-glossy water-based fast drying DTM enamel





# **TECHNICAL FEATURES**

1K finishing primer formulated with special polyurethane and alkyd resins in aqueous dispersion, suitable for single-coat painting of iron and cast iron products when high drying speed, depth hardening, excellent adhesion to the substrate and good anti-corrosive protection properties are required.

# **APPLICATION FIELD**

Semi-glossy finishing primer for the protection of iron and cast iron items where good outdoor resistance and anti-corrosive properties are required. The high drying speed allows the painted pieces to be handled a few hours after application.

## **GENERAL INFORMATION**

System: One pack - 1K Nature: Water-based Packages: 1 gal - 4 gal Tinting Service: Tinting service with water-based colorants Series 1195 Suitable Substrates: Iron, Cast iron, Sandblasted Iron -Sandblasting Sa 2,5-3 Color cards: Ral 841 GL



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THEORETICAL AVERAGE SPREADING RATE	APPLICATION	REDUCE UP TO	GLOSS
285.2 ft²/gal each coat at the dry film thickness of 2 mil	Spray, Roller	Ready to be used, 5% with tap water	55 - 65 gloss
WET FILM THICKNESS EACH COAT	DRY FILM THICKNESS EACH COAT	N° OF COATS	TOTAL DRY FILM THICKNESS
5.5 mil	2 mil	1 coat to achieve the total desired thickness	-
DRYING			
DRYING		Č H	Č,
DRYING OVERCOATING INTERVAL	Air Drying	Ŭ Hi DUST-FREE DRYING	DRY TO TOUCH
OVERCOATING	<b>_</b> 33		
OVERCOATING INTERVAL	AIR DRYING	DUST-FREE DRYING	DRY TO TOUCH
OVERCOATING INTERVAL 4 - 6 hours	<b>AIR DRYING</b> 68°F - 20°C	DUST-FREE DRYING 30 - 35 minutes	DRY TO TOUCH

# AQUAPRIMOX

## Series 1056

High quality, water-based, epoxy anti-corrosive primer







# **TECHNICAL FEATURES**

Water-based, anti-corrosive, epoxy primer formulated with epoxy resins in water and polyamide adduct. The product is characterized by ease of application, opacity, sagging stability, fast drying, good adhesion to iron and galvanized steel. It is also characterized by high passivating power and low absorption of the paint fumes if compared to finishing enamels. The product has been formulated to obtain perfect hiding on the edges during the application phase thanks to a structured rheology that allows the use both in automatic coating systems and in manual painting. The product is also certified according to the fire protection on railway vehicles regarding the requirements for fire behavior of materials and components.

## **APPLICATION FIELD**

Epoxy water-based primer for the coating of industrial machinery, agricultural machinery, earth moving machines, overhead cranes and carpentry, handling and lifting machinery where high adhesion and anti-corrosive protection are required.

#### **GENERAL INFORMATION**

System: Two pack - 2K Nature: Water-based Packages: 1 gal - 4 gal Colors ready in stock: Grey Ral 7035 Suitable Substrates: Iron, Cast iron, Galvanized surfaces, Concrete, Sandblasted Iron - Sandblasting Sa 1-2, Sandblasted Iron - Sandblasting Sa 2,5-3, Hot-dip galvanization Overcoatable with: Water- and solvent-based epoxy and polyurethane enamels

# TECHNICAL DATA

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THEORETICAL AVERAGE SPREADING RATE	APPLICATION	REDUCE UP TO	GLOSS
354.5 ft²/gal each coat at the dry film thickness of 2 mil	Spray, Roller, Brush	Max 5% with tap water	15 - 25 gloss
<b>₽</b>			
WET FILM THICKNESS EACH COAT	DRY FILM THICKNESS EACH COAT	N° OF COATS	TOTAL DRY FILM THICKNESS
4.5 mil	2 mil	1 or 2 coats to achieve the total desired thickness	3 mil
DRYING			
DRYING			(PL)
DRYING OVERCOATING INTERVAL	AIR DRYING	ن ک DUST-FREE DRYING	DRY TO TOUCH
OVERCOATING			
OVERCOATING INTERVAL 12 - 72 hours (after it is necessary	AIR DRYING	DUST-FREE DRYING	DRY TO TOUCH
OVERCOATING INTERVAL 12 - 72 hours (after it is necessary to sand)	<b>AIR DRYING</b> 68°F - 20°C	DUST-FREE DRYING 30 - 40 minutes	DRY TO TOUCH

SERIES	HARDENER	CATALYSIS	USE	POT LIFE AT 68°F - 20°C	PACKAGE
2933	AQUAMIX PRIMER HARDENER EXTRA	4:1 by volume	For water-based epoxy paints	2 hours	1 qt - 1 gal

# **AQUAPRIMER PLUS 2K**

# Series 2151

2K water-based polyacrylic anti-corrosive primer





# **TECHNICAL FEATURES**

2K water-based polyacrylic primer with high drying speed and excellent resistance to corrosion.

Water-based anti-corrosive primer formulated with hydroxylated acrylic resin and anti-corrosive pigments, in combination with isocyanate. The product is characterized by excellent wettability of the substrates, good adhesion to metal substrates and above all by the possibility of being overcoated with both 1K and 2K water-based and solvent-based enamels.

# **APPLICATION FIELD**

The product is ideal for industrial and agricultural machinery and earthmoving machines, cranes, metal structures, machine tools and carpentry. In coating systems with polyacrylic or watersoluble acrylic final coats, it allows to carry out wet-on-wet systems and simplifies the application system by using a single hardener for the primer and for the finishing.

## **GENERAL INFORMATION**

System: Two pack - 2K Nature: Water-based

Packages: 4 gal

Colors ready in stock: White Ral 9010

Suitable Substrates: Iron, Cast iron, Galvanized surfaces, Thermoplastics (ABS, PVC, PC), Fiberglass and Thermosetting plastics, Sandblasted Iron - Sandblasting Sa 1-2, Sandblasted Iron - Sandblasting Sa 2,5-3, Hot-dip galvanization Overcoatable with: Water- and solvent-based epoxy and polyurethane enamels



# **TECHNICAL DATA**

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THEORETICAL AVERAGE SPREADING RATE	APPLICATION	REDUCE UP TO	GLOSS
326 ft²/gal each coat at the dry film thickness of 2.5 mil	Spray	10-15% with tap water	-
WET FILM THICKNESS EACH COAT	DRY FILM THICKNESS EACH COAT	N° OF COATS	TOTAL DRY FILM THICKNESS
5 mil	2.5 mil	1 or 2 coats to achieve the total desired thickness	3 mil
DRYING			
DRYING		Č I	(M)
DRYING OVERCOATING INTERVAL	AIR DRYING	UUST-FREE DRYING	URY TO TOUCH
OVERCOATING	<u> </u>		
OVERCOATING INTERVAL 1 - 24 hours (after it is necessary	AIR DRYING 68°F	DUST-FREE DRYING	DRY TO TOUCH
OVERCOATING INTERVAL 1 - 24 hours (after it is necessary to sand)	AIR DRYING 68°F (20°C)	DUST-FREE DRYING 15 - 20 minutes	DRY TO TOUCH

SERIES	HARDENER	CATALYSIS	USE	POT LIFE AT 68°F - 20°C	PACKAGE
1610	PUR HARDENER FOR WB PAINTS	4:1 by volume	Non yellowing suitable for water-based, polyacrilic paints	1 hour	1 qt - 1 gal

# **AQUACRIL GLOSSY**

Series 1399 Glossy water-based polyacrylic enamel





# **TECHNICAL FEATURES**

2K glossy water-based polyacrylic enamel to be used when light stability, resistance to bad weather, remarkable color stability over time, high gloss and surface hardness are required. The product is characterized by excellent flowing and a high overspray absorption. The product is also certified according to the Fire protection on railway vehicles UNI EN 45545-2:2020 regarding the fire behavior requirements of materials and components.

# **APPLICATION FIELD**

Water-based polyacrylic enamel ideal for the painting of metal structures, pumps, gearboxes, agricultural and earthmoving machinery, machine tools, cranes and carpentry and industrial bodywork. The binder can be used as a clear coat with a hardening ratio by weight of 30% with hardener Pur Hardener For WB Paints Series 1610.

## **GENERAL INFORMATION**

System: Two pack - 2K Nature: Water-based Packages: 1 gal - 4 gal Tinting Service: Tinting service with water-based colorants Series 1195 Color cards: Ral 841 GL, Ncs 2050, Colorado Box 2.0



# TECHNICAL DATA

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THEORETICAL AVERAGE SPREADING RATE	APPLICATION	REDUCE UP TO	GLOSS
395.2 ft²/gal each coat at the dry film thickness of 2 mil	Spray	10-15% with tap water	85 - 95 gloss
WET FILM THICKNESS EACH COAT	DRY FILM THICKNESS EACH COAT	N° OF COATS	TOTAL DRY FILM THICKNESS
4 mil	2 mil	1 coat to achieve the total desired thickness	3 mil
DRYING			
DRYING		Č H	(n) (n)
DRYING OVERCOATING INTERVAL	Air Drying	ن المعالم المعا DUST-FREE DRYING	DRY TO TOUCH
	<u> </u>		
	AIR DRYING	DUST-FREE DRYING	DRY TO TOUCH
OVERCOATING INTERVAL	<b>AIR DRYING</b> 68°F - 20°C	DUST-FREE DRYING 40 - 60 minutes	DRY TO TOUCH

SERIES	HARDENER	CATALYSIS	USE	POT LIFE AT 68°F - 20°C	PACKAGE
1610	PUR HARDENER FOR WB PAINTS	4:1 by volume	Non-yellowing suitable for water-based, polyacrylic paints	90 minutes	1 qt - 1 gal

# **AQUACRIL SEMI-GLOSSY HP DTM**

# Series 2019

DTM semi-glossy high-performance water-based polyacrylic enamel







# **TECHNICAL FEATURES**

Semi-glossy polyacrylic final coat for outdoor and indoor applications. The nature of the Direct to metal product allows it to protect iron, cast iron, galvanized and light alloy products. The product is also characterized by good anti-corrosive power, fast drying and outdoor resistance. The product is formulated to ensure good sagging stability and opacity in the presence of edges. Good dry film thickness can be obtained if compared to traditional, 2K, water-based paints.

# **APPLICATION FIELD**

Product suitable as DTM, semi-glossy final coat for metal carpentry, agricultural machinery and various artifacts where good outdoor resistance is required.

## **GENERAL INFORMATION**

System: Two pack - 2K Nature: Water-based Packages: 1 gal - 4 gal Tinting Service: Tinting service with water-based colorants Series 1195 Suitable Substrates: Iron, Cast iron, Galvanized surfaces, Thermoplastics (ABS, PVC, PC), Fiberglass and Thermosetting plastics

Color cards: Ral 841 GL

# TECHNICAL DATA

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THEORETICAL AVERAGE SPREADING RATE	APPLICATION	REDUCE UP TO	GLOSS
346.3 ft²/gal each coat at the dry film thickness of 1.5 mil	Spray	5-10% with tap water	45 - 55 gloss
<b>₽</b>			II.
WET FILM THICKNESS EACH COAT	DRY FILM THICKNESS EACH COAT	N° OF COATS	TOTAL DRY FILM THICKNESS
4.5 mil	1.5 mil	1	2 mil
DRYING			( To
Č			
DRYING OVERCOATING INTERVAL	Air Drying	ن ک Dust-free Drying	DRY TO TOUCH
OVERCOATING			
OVERCOATING INTERVAL	AIR DRYING	DUST-FREE DRYING	DRY TO TOUCH
OVERCOATING INTERVAL 1 - 24 hours	<b>AIR DRYING</b> 68°F - 20°C	DUST-FREE DRYING 40 - 60 minutes	DRY TO TOUCH

SERIES	HARDENER	CATALYSIS	USE	POT LIFE AT 68°F - 20°C	PACKAGE
1610	PUR HARDENER FOR WB PAINTS	4:1 by volume	Non-yellowing suitable for water-based, polyacrylic paints	1 hour	1 qt - 1 gal

# **AQUACRIL MATT DTM**

**Series 2122** DTM, matt water-based polyacrylic enamel







# TECHNICAL FEATURES

2K matt water-based polyacrylic enamel that can also be used as a DTM primer and final coat for the protection of iron, cast iron, galvanized and light alloy substrates.

# **APPLICATION FIELD**

Water-based polyacrylic enamel, ideal as a matt final coat, the enamel can also be used directly on metal as primer and final coat for the protection of metal products, metal carpentry, agricultural machinery and various products where good outdoor resistance is required.

## **GENERAL INFORMATION**

System: Two pack - 2K Nature: Water-based

Packages: 1 gal - 4 gal Tinting Service: Tinting service with water-based colorants

Series 1195 Suitable Substrates: Iron, Cast iron, Galvanized surfaces, Thermoplastics (ABS, PVC, PC), Fiberglass and Thermosetting plastics, Sandblasted Iron - Sandblasting Sa 1-2, Sandblasted Iron - Sandblasting Sa 2,5-3

Color cards: Ral 841 GL

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THEORETICAL AVERAGE SPREADING RATE	APPLICATION	REDUCE UP TO	GLOSS
354.5 ft²/gal each coat at the dry film thickness of 2 mil	Spray	10-15% with tap water	1 - 5 gloss
WET FILM THICKNESS EACH COAT	DRY FILM THICKNESS EACH COAT	N° OF COATS	TOTAL DRY FILM THICKNESS
4.5 mil	2 mil	1 coat to achieve the total desired thickness	2.5 mil
DRYING			
٥		Č	J. Č
OVERCOATING INTERVAL	AIR DRYING	DUST-FREE DRYING	DRY TO TOUCH
1 hour	68°F (20°C)	40 - 60 minutes	2 - 3 hours
٢	<u>ی</u> چ	all a	
DRY THROUGH	FULL CURE	FLASH OFF	STOVING DRYING
36 - 48 hours	7 days	15 - 20 minutes at 68°F - 20°C	30 - 40 minutes at 140°F - 60°C

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SERIES	HARDENER	CATALYSIS	USE	POT LIFE AT 68°F - 20°C	PACKAGE
1610	PUR HARDENER FOR WB PAINTS	4:1 by volume	Non-yellowing suitable for water-based, polyacrylic paints	90 minutes	1 qt - 1 gal

# Industry

# FLOORING & SIGNAGE LINE

The range of products includes: high-penetrating **impregnating paints and fixatives**, ideal as the first coat of complete coating systems; **thin-film thickness** paints, used for coloring cementitious substrates when resistance to mechanical stress and impact are required; **transparent and protective coatings** mainly composed of acrylic resins and non-yellowing hardeners, perfect for protecting cementitious substrates creating a barrier against freeze-thaw cycles, mechanical wear, and pollutants

To complete the range, there are also some **special products** specifically formulated for the marking of horizontal road signs, bike lanes, and sports facilities and intended to ensure high grip, as well as wear and weathering resistance.

- Solvent-based impregnating agents
- Water-based impregnating agents
- Solvent-based clear coats
- Water-based clear coats
- Solvent-based final coats
- Water-based final coats
- Horizontal road markings for asphalt
- Bicycle and pedestrian paths and sports floors
- Pools
- Additives



## **ANCOR-FIX**

#### Series 8231

Solvent-based, fixative impregnating agent for concrete floors suitable as adhesion promoter for anti-dust paints







#### **TECHNICAL FEATURES**

2K, epoxy-based system mainly composed of low molecular weight polymers which grant excellent penetration and consolidation of the cement substrate allowing the overcoating with transparent or pigmented final coats.

#### **APPLICATION FIELD**

Product ideal as fixative impregnating agent for indoor and outdoor concrete floors where greater penetration into the concrete surface coat is to be achieved in order to guarantee high adhesion and wear resistance performance.

#### **GENERAL INFORMATION**

System: Two pack - 2K Nature: Solvent-based Packages: 1 gal

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THEORETICAL AVERAGE SPREADING RATE	APPLICATION	REDUCE UP TO	GLOSS
884 ft²/gal each coat at the dry film thickness of 0.5 mil	Brush, Roller	Ready to be used	-
<b>₽</b>			
WET FILM THICKNESS EACH COAT	DRY FILM THICKNESS EACH COAT	N° OF COATS	TOTAL DRY FILM THICKNESS
2 mil	0.5 mil	1 or 2 coats to achieve the total proper thickness	1 mil
DRYING			
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OVERCOATING INTERVAL	AIR DRYING	DUST-FREE DRYING	DRY TO TOUCH
6 hours - 3 days	68°F - 20°C	2 - 3 hours	4 - 6 hours
٥	الفي الم		
DRY THROUGH	FULL CURE	FLASH OFF	STOVING DRYING

SERIES	HARDENER	CATALYSIS	USE	POT LIFE AT 68°F - 20°C	PACKAGE
8901	HARDENER FOR ANCOR-FIX	1:1 by volume	For impregnation of flooring	6 hours	1 gal - 4 gal

#### WATER-BASED IMPREGNATING AGENTS

## **AQUAFIXER**

#### Series 8200

Water-based, fixative impregnating agent for concrete floors suiatble as adhesion promoting coating for anti-dust paints







**TECHNICAL DATA** 

#### **TECHNICAL FEATURES**

2K, water-based, epoxy system based on polymers, capable of giving excellent penetration and consolidation of the cement substrate, allowing overcoating with transparent or pigmented final coats.

#### **APPLICATION FIELD**

Product ideal as water-based fixative impregnating for indoor and outdoor concrete floors when higher penetration into the cement surface is to be achieved in order to guarantee high adhesion performance and resistance to wear.

#### **GENERAL INFORMATION**

System: Two pack - 2K Nature: Water-based Packages: 2.5 gal

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THEORETICAL AVERAGE SPREADING RATE	APPLICATION	REDUCE UP TO	GLOSS
468 ft²/gal each coat at the dry film thickness of 1.5 mil	Short Hair Roller, Brush	30% with tap water	-
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WET FILM THICKNESS EACH COAT	DRY FILM THICKNESS EACH COAT	N° OF COATS	TOTAL DRY FILM THICKNESS
3.5 mil	1.5 mil	1	1.5 mil
DRYING			
OVERCOATING INTERVAL	AIR DRYING	DUST-FREE DRYING	DRY TO TOUCH
12 - 96 hours	68°F - 20°C	-	-
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DRY THROUGH	FULL CURE	FLASH OFF	STOVING DRYING
36 - 48 hours	12 days	-	-

SERIES	HARDENER	CATALYSIS	USE	POT LIFE AT 68°F - 20°C	PACKAGE
0948	EPOX HARDENER FOR FLOORS	2:1 by volume	Standard for flooring	90 minutes	1 gal

## **EPOKIM SATIN**

#### Series 0434

Satin-finish, epoxy enamel for metal and suitable as anti-dust treatment for cementitious floors







#### **TECHNICAL FEATURES**

Satin-finish epoxy enamel characterized by excellent resistance to acids and weak alkalis and mechanical resistance. The product can be used for direct adhesion to metal (DTM) even if it does not have anti-corrosive properties and guarantees good adhesion for indoor use products. If applied on concrete floors and/or cementitious surfaces intended for indoors it performs its anti-dust and wear-sacrificial coating functions.

The product was tested according to the Ministerial Decree 236/89 relating to the BCRA method which measures the coefficient of dynamic friction in order to verify the resistance to slipperiness on the cement substrate.

#### **APPLICATION FIELD**

Satin-finish epoxy enamel, ideal as final coat for iron, light alloys or galvanized steel and cementitious supports where good chemical and mechanical resistance are required. Particularly suitable for chemical plants, pumps, industrial plants, electromedical equipment, machine tools and carpentry. The product is suitable for cementitious substrates in order to create a colored, anti-dust, thin film coating.

#### **GENERAL INFORMATION**

System: Two pack - 2K Nature: Solvent-based Packages: 3 gal Tinting Service: Tinting service with solvent-based colorants Series 0615 Color cards: Ral 841 GL, Ncs 2050, Colorado Box 2.0

#### TECHNICAL DATA

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THEORETICAL AVERAGE SPREADING RATE	APPLICATION	REDUCE UP TO	GLOSS
420 ft²/gal each coat at the dry film thickness of 2 mil	Spray, Roller	10-15% with Epoxy Thinner Series 0981	50 - 60 gloss
WET FILM THICKNESS EACH COAT	DRY FILM THICKNESS EACH COAT	N° OF COATS	TOTAL DRY FILM THICKNESS
4 mil	2 mil	1 or 2 coats to achieve the total	3.5 mil
DRYING		desired thickness	
DRYING		desired thickness	mp C
DRYING OVERCOATING INTERVAL	Air Drying		الله في الله الله الله الله الله الله الله الل
OVERCOATING	<b>_</b> 3 <sup>3</sup>		
OVERCOATING INTERVAL 6 - 96 hours (after it is necessary	AIR DRYING	ن المعالم المعالم المعالم المعالم	DRY TO TOUCH
OVERCOATING INTERVAL 6 - 96 hours (after it is necessary to sand)	AIR DRYING 68°F - 20°C	DUST-FREE DRYING 30 minutes	DRY TO TOUCH

SERIES	HARDENER	CATALYSIS	USE	POT LIFE AT 68°F - 20°C	PACKAGE
1600	EPOX STANDARD HARDENER	3:1 by volume	Fast	6 hours	1 qt - 1 gal

### WATER-BASED FINAL COATS

## **AQUAFLOX**

#### Series 2184

Semi-glossy, water-based epoxy enamel, specific as anti-dust coating for industrial concrete floors. CAM, IAQ, HACCP, EPD certified product with CE Marking





#### **TECHNICAL FEATURES**

Semi-glossy, water-based epoxy enamel, specific as anti-dust coating for industrial concrete floors. The treated surface is dustproof and impermeable to oils and greases. It is also resistant to petrol, acids and diluted bases. The product is characterized by excellent flow, smooth and saturated appearance and high adhesion to the cementitious support by virtue of the positive results of the pull-off tests necessary to identify the traction and resistance of the film. The product is certified with A+ classification according to the minimum environmental criteria (CAM) and the interior Air Quality (IAQ) parameters with reference to VOC emissions within 28 days after the application. The product has the EC marking for construction products with reference to the DoP performance parameters necessary for the products used in the building sector. Finally, the product was tested according to the Ministerial Decree 236/89 relating to the BCRA method which measures the coefficient of dynamic friction in order to verify the resistance to slipperiness on the cement substrate. The product is HACCP certified according to the UNI 11021 standard relating to products and systems for painting environments with the presence, handling, distribution and storage of food.

#### **APPLICATION FIELD**

Water-based epoxy enamel ideal as final coat for concrete floors. Suitable for floors in warehouses, garages, food and mechanical industries, workshops. The product is also suitable for vertical application on ceramic materials. It is the ideal product where a high surface hardness and structured body effect are required. This product can also be applied directly on the cement substrate as long as the pre-existing conditions of the floor are checked. In cases where the concrete surface requires the use of a suitable primer, we recommend the preliminary application of a first coat of solvent-based and water-based fixative impregnating agents provided for in the flooring range. By virtue of the HACCP certification it is the ideal product for painting environments and floors in which the deposit, storage, processing, administration of food substances to the consumer take place, i.e. canteens, food industries, industrial kitchens, warehouses and food laboratories, bars, restaurants and dairies. Finally, on the basis of the adhesion performance, defined by the cross cut method and by measuring the pull-off traction, the product is also applicable on vertical tiles in fine porcelain and glazed stoneware, in monoporous cladding, in fiber mosaic, glass, single and double fired.

#### CATALYSIS

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#### **GENERAL INFORMATION**

System: Two pack - 2K Nature: Water-based Packages: 3 gal Tinting Service: Tinting service with water-based colorants Series 1195 Color cards: Ral 841 GL

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THEORETICAL AVERAGE SPREADING RATE	APPLICATION	REDUCE UP TO	GLOSS
224.1 ft²/gal each coat at the dry film thickness of 4 mil	Short haired Roller, Brush	1st coat 20% with tap water 2nd coat 15% with tap water	50 - 60 gloss
WET FILM THICKNESS EACH COAT	DRY FILM THICKNESS EACH COAT	N° OF COATS	TOTAL DRY FILM THICKNESS
7 mil	4 mil	2 coats to achieve the total requested thickness	7 mil
DRYING			
		٥	ال چې
OVERCOATING INTERVAL	AIR DRYING	DRY THROUGH	FULL CURE
12 hours - 96 hours	68°F - 20°C	36 - 48 hours	12 days

SERIES	HARDENER	CATALYSIS	USE	POT LIFE AT 68°F - 20°C	PACKAGE
0948	EPOX HARDENER FOR FLOORS	3 : 1 by volume	Standard for flooring	90 minutes	1 gal

## SOLVENT-BASED CLEAR COATS

## ACRIFLOOR

#### Series 8240

2K, solvent-based acrylic clear coat for cementitious floors



#### **TECHNICAL FEATURES**

Solvent-based clear coat based on acrylic resins and nonyellowing cross linking agents. The product has a good aesthetic appearance and surface hardness and is also suitable for outdoor application thanks to the aliphatic polymers.

#### **APPLICATION FIELD**

Product ideal as clear, acrylic top coat to be applied both as anti-dust, thin film thickness coat on new, rough or uncoated cementitious floors, and as transparent protective coat on previously applied, colored coats to guarantee greater durability and resistance outdoors and indoors.

#### **GENERAL INFORMATION**

System: Two pack - 2K Nature: Solvent-based Packages: 1 gal



#### **TECHNICAL DATA**

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THEORETICAL AVERAGE SPREADING RATE	APPLICATION	REDUCE UP TO	GLOSS
354 ft²/gal each coat at the dry film thickness of 2.5 mil	Brush, Short Hair Roller	Ready to be used; max 5% with Pur thinner Series 0988	85 - 90 gloss
WET FILM THICKNESS EACH COAT	DRY FILM THICKNESS EACH COAT	N° OF COATS	TOTAL DRY FILM THICKNESS
4.5 mil	2.5 mil	1	2.5 mil
DRYING			
DRYING		Ŏ.	(R)
DRYING OVERCOATING INTERVAL	AIR DRYING	Market Drying	DRY TO TOUCH
OVERCOATING	<b>•</b> ••		
OVERCOATING INTERVAL	AIR DRYING	DUST-FREE DRYING	DRY TO TOUCH
OVERCOATING INTERVAL 8 - 96 hours	<b>AIR DRYING</b> 68°F - 20°C	DUST-FREE DRYING 20 - 30 minutes	DRY TO TOUCH

SERIES	HARDENER	CATALYSIS	USE	POT LIFE AT 68°F - 20°C	PACKAGE
1392	HS PLUS 420 HARDENER	4:1 by volume	HS, slow for outdoor use	3 hours	1 qt - 1 gal

## AQUAFLOOR

#### Series 8210

2K, water-based acrylic clear coat for cementitious floors







#### **TECHNICAL FEATURES**

Water-based, acryl-polyurethane clear coat based on acrylic resins and non-yellowing cross linking agents. The product has a good aesthetic appearance and surface hardness and is also suitable for outdoor application thanks to the aliphatic polymers.

#### **APPLICATION FIELD**

Product ideal as clear, acrylic topcoat to be applied both as anti-dust, thin film thickness coat on new, rough or uncoated cementitious floors, and as transparent protective coat on previously applied, colored coats to guarantee greater durability and resistance outdoors and indoors.

#### **GENERAL INFORMATION**

System: Two pack - 2K Nature: Water-based Packages: 3 gal

TECHNICAL DA	ТА		
			*
THEORETICAL AVERAGE SPREADING RATE	APPLICATION	REDUCE UP TO	GLOSS
293 ft²/gal each coat at the dry film thickness of 2.5 mil	Short Haired Roller, Brush	10-15 % with tap water	65 - 70 gloss
WET FILM THICKNESS EACH COAT	DRY FILM THICKNESS EACH COAT	N° OF COATS	TOTAL DRY FILM THICKNESS
5.5 mil	2.5 mil	1	2.5 mil
DRYING	@		
Ŏ	<b>I</b> S	ů 🛛	3°
OVERCOATING INTERVAL	AIR DRYING	DUST-FREE DRYING	DRY TO TOUCH
8 - 24 hours	68°F - 20°C	40 - 60 minutes	2 - 3 hours
Ŏ	ن بر	مال <sup>م</sup>	
DRY THROUGH	FULL CURE	FLASH OFF	STOVING DRYING

SERIES	HARDENER	CATALYSIS	USE	POT LIFE AT 68°F - 20°C	PACKAGE
1610	PUR HARDENER FOR WB PAINTS	3 : 1 by volume	Non-yellowing for water-based products	2 hours	1 qt - 1 gal

## SEGNAL

#### Series 0450

Non-refracting road marking paint for horizontal road signs







Road marking paint with good weather resistance, good elasticity and excellent abrasion resistance. The product is ideal for applications on asphalt when quick post-application walkability and resistance to the passage of vehicles are required.

#### **APPLICATION FIELD**

Road marking paint suitable for horizontal road markings on asphalted, cemented and paved roads with leucitite-sampietrini.

#### **GENERAL INFORMATION**

System: One pack - 1K Nature: Solvent-based Packages: 1 gal - 4 gal Colors ready in stock: White, Yellow Suitable Substrates: Asphalt



			*
THEORETICAL AVERAGE SPREADING RATE	APPLICATION	REDUCE UP TO	GLOSS
289.3 ft²/gal each coat at the dry film thickness of 3 mil	Spray	5-10% with Nitro Thinner 85 Series 0992	-
÷]			
WET FILM THICKNESS EACH COAT	DRY FILM THICKNESS EACH COAT	N° OF COATS	TOTAL DRY FILM THICKNESS
6 mil	3 mil	-	3 mil
DRYING			
DRYING			(12) (12) (12) (12) (12) (12) (12) (12)
0		DUST-FREE DRYING	DRY TO TOUCH
OVERCOATING	()		
OVERCOATING	AIR DRYING		DRY TO TOUCH
OVERCOATING INTERVAL	<b>AIR DRYING</b> 68°F - 20°C	DUST-FREE DRYING	DRY TO TOUCH

## CYCLE AND PEDESTRIAN PATHS AND SPORTS FLOORS

## **MATCH POINT**

#### Series 0294

Water-based paint for sports fields, cycle and pedestrian paths made of cementitious material





Paint based on modified acrylic binders and high quality, outdoor resistant, selected extenders. The product is easy to apply and has excellent opacity and good elasticity. It can be applied directly on new and compact substrates, without the application of primer or fixative paint.

#### **APPLICATION FIELD**

The product is particularly suitable for painting outdoor concrete sports fields such as tennis courts, five-a-side football, basketball, volleyball, as well as bleachers, recreational spaces and cycle and pedestrian paths in concrete and asphalt.

#### **GENERAL INFORMATION**

Nature: Water-based Packages: 1 gal - 4 gal Tinting Service: Tinting service with water-based colorants Series 1195 Suitable Substrates: Concrete, Asphalt Color cards: Ral 841 GL



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THEORETICAL AVERAGE SPREADING RATE	APPLICATION	REDUCE UP TO	GLOSS
252.6 ft²/gal each coat at the dry film thickness of 2.5 mil	Roller, Brush, Spray	5-15% with water for application on concrete; ready to be used on asphalt	-
۳ ۲			
WET FILM THICKNESS EACH COAT	DRY FILM THICKNESS EACH COAT	N° OF COATS	TOTAL DRY FILM THICKNESS
6.5 mil	2.5 mil	l or 2 coats to achieve the total desired thickness	
DRYING			
٩			
OVERCOATING INTERVAL	AIR DRYING	<b>DUST-FREE DRYING</b>	DRY TO TOUCH
	<b>_</b> 3 <sup>3</sup>		
INTERVAL	AIR DRYING		DRY TO TOUCH
INTERVAL 4 - 5 hours	<b>AIR DRYING</b> 68°F - 20°C	DUST-FREE DRYING	DRY TO TOUCH

## POOLKIM

Series 2750

Chlorinated rubber enamel for the protection of swimming pools



WATER RESISTANCE EXCELLENT ADHESION TO CONCRETE FAST DRYING

#### **TECHNICAL FEATURES**

Chlorinated rubber enamel for the protection of swimming pools, with very fast drying and water resistance. The product has good resistance to the sanitizing products for pool maintenance.

#### **APPLICATION FIELD**

Chlorinated rubber enamel ideal as primer and final coat for swimming pools in cementitious material and in fiberglass. For roller application reduce only with the specific synthetic reducer. It can be used in coating systems with epoxy primer if applied on fiberglass or applied directly, without special primers, on cement substrate.

#### **GENERAL INFORMATION**

System: One pack - 1K Nature: Solvent-based Packages: 1 gal Colors ready in stock: Light Blue Pantone 299C, White Ral 9016 Suitable Substrates: Fiberglass



			*
THEORETICAL AVERAGE SPREADING RATE	APPLICATION	REDUCE UP TO	GLOSS
187.4 ft²/gal each coat at the dry film thickness of 3 mil	Roller, Brush	30-40% with Synthetic Thinner 90 Series 0955	80 - 85 gloss
<b>₽</b>			
WET FILM THICKNESS EACH COAT	DRY FILM THICKNESS EACH COAT	N° OF COATS	TOTAL DRY FILM THICKNESS
8.5 mil	3 mil	1 or 2 coats to achieve the total desired thickness	4 mil
DRYING			
ف		<b>Š</b>	The second secon
OVERCOATING INTERVAL	AIR DRYING	<b>Ö</b> M DUST-FREE DRYING	DRY TO TOUCH
	<b>•</b> ••		J.
INTERVAL	AIR DRYING	DUST-FREE DRYING	DRY TO TOUCH
INTERVAL 24 hours	<b>AIR DRYING</b> 68°F - 20°C	DUST-FREE DRYING 10 - 20 minutes	DRY TO TOUCH

## **ANTISKID ADDITIVE**

#### Series 0851

Structuring agent with antiskid and anti-slip properties





#### CARATTERISTICHE TECNICHE

Structuring agent with anti-slip effect suitable for providing anti-slip effect to the products to which it is added. The product guarantees excellent wear resistance, surface hardness and, compared to traditional mineral grains, reduced noise.

#### CAMPI DI IMPIEGO

Product ideal to obtain excellent homogeneity, it is recommended to add the product to component A before hardening to mix with an electric stirrer at 300 - 400 rpm for a few minutes. The additive must not be sprinkled on the cement substrate, but must simply be added to the enamel.

#### **GENERAL INFORMATION**

Packages: 1 qt

## Industry

# HARDENERS AND REDUCERS

Wide range of **hardeners and reducers** necessary for the application of water and solvent-based paints. The reducers, hardeners and additives have been designed to meet specific needs, allowing the enhancement of certain key features of different products.

In particular, some **hardeners** supply the product with features such as fast hardening, resistance to bad weather and excellent wettability and flow, as well as color retention, avoiding the unpleasant yellowing effect. The **reducers** are specifically designed for each individual range of products in order to ensure ease of application and the achievement of the best performances thanks to the maximum compatibility with the chemical nature of the resins.



- Hardeners for acrylic and polyurethane products
- Hardeners for epoxy products
- Reducers



## **PUR ALIPHATIC HARDENER**

#### Series 0929

Hardener for polyurethane products for outdoors





GENERAL INFORMATION

Nature: Solvent-based Packages: 1 |

#### **TECHNICAL FEATURES**

Non-yellowing aliphatic hardener for outdoors with very fast drying, ideal for acrylic and polyurethane products.

#### **APPLICATION FIELD**

Hardener for polyurethane and acrylic enamels, specific for outdoors and with good hardening and drying speed. This product is the standard and fastest hardener for the acrylic and polyurethane range, either for primers and for final coats.

## **STANDARD HS HARDENER**

Series 1383

Hardener for acrylic products



STANDARD HS SUITABLE FOR ACRYL PRODUCTS

#### GENERAL INFORMATION

Nature: Solvent-based Packages: 2.5 |

#### **TECHNICAL FEATURES**

Non-yellowing aliphatic hardener for acrylic- and polyurethane-based products, specific for bodywork and large surfaces.

#### **APPLICATION FIELD**

Hardener specific for acrylic and polyacrylic products with excellent outdoor resistance, gloss retention and color tone as well.

## **STANDARD UHS ACRYLIC HARDENER**

Series 1385

UHS, standard, hardener for acrylic products







#### **GENERAL INFORMATION**

Nature: Solvent-based Packages: 2.5 |

#### TECHNICAL FEATURES

Aliphatic HS non yellowing hardener for acrylic and polyurethane products with excellent outdoor resistance, specific for Car&Truck and large surfaces.

#### **APPLICATION FIELD**

Hardener specific for UHS acrylic and polyacrylic products with excellent outdoor resistance.

## **HS PLUS 420 HARDENER**

#### Series 1392

High solid hardener for polyurethane products





#### GENERAL INFORMATION

Nature: Solvent-based Packages: 1 qt - 1 gal

#### TECHNICAL FEATURES

Non-yellowing, high solid content aliphatic hardener for acrylic and polyurethane products suitable for applications with VOC content.

#### **APPLICATION FIELD**

High solid content hardener for polyurethane and acrylpolyurethane with excellent wettability and gloss retention outdoors. Thanks to the high solid residue and wettability, it can also be used in those cases where application by roller or by brush are required for limited areas and maintenance works.

## **PUR HARDENER FOR WB PAINTS**

Series 1610

Water-based hardener for polyacrylic products



#### FOR POLYACRYLIC PAINTS WATER-BASED NON-YELLOWING

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#### GENERAL INFORMATION

Nature: Water-based Packages: 1 qt - 1 gal

#### **TECHNICAL FEATURES**

Pur aliphatic hardener for water-based polyacrylic products with excellent outdoor and condensation resistance.

#### **APPLICATION FIELD**

Hardener for 2K acrylic and polyurethane water based systems. It is the standard product for water-based systems as it is suitable for a wide range of products thank to its compatibility and its mechanical and physical resistance.

## **EPOX FAST HARDENER**

#### Series 0917

Hardener for textured finish epoxy products



FOR T	EXTURED I	INISH EF	OXY PAIN	s
FAST				
HS				

#### GENERAL INFORMATION

Nature: Solvent-based Packages: 1 qt - 1 gal

#### **TECHNICAL FEATURES**

High solid content hardener, characterized by high viscosity, fast hardening and sagging stability, for textured finish and epoxy primers.

#### **APPLICATION FIELD**

HS hardener suitable for obtaining structured effects such as textured and embossed ones. Thanks to the speed and viscosity of the hardening system, high thicknesses can be obtained reducing the uncovering of the edges in the application phase.

## **EPOX SLOW HARDENER**

Series 0918

Slow hardener for epoxy products



FOR EPOXY PAINTS SLOW SUITABLE FOR EPOXY PRIMERS

#### **GENERAL INFORMATION**

Nature: Solvent-based Packages: 1 qt - 1 gal

#### TECHNICAL FEATURES

Polyamide hardener with high surface wetting properties, ideal for large surfaces.

#### **APPLICATION FIELD**

Slow epoxy hardener with excellent wettability of the substrates. Especially suitable for anti-corrosive primers.

## **EPOX HARDENER FOR FLOORS**

#### Series 0948

Hardener for epoxy water-based epoxy products for flooring







#### **GENERAL INFORMATION**

Nature: Water-based Packages: 1 gal

#### **TECHNICAL FEATURES**

Hardener for water-based epoxy enamels for flooring with high hardness and chemical resistance.

#### **APPLICATION FIELD**

Epoxy emulsifiable hardener with 100% solid content for 2K water-based systems for industrial floors.

## **EPOX STANDARD HARDENER**

#### Series 1600

Hardener for epoxy products







#### **GENERAL INFORMATION**

Nature: Solvent-based Packages: 1 qt - 1 gal

#### **TECHNICAL FEATURES**

Epoxy hardener characterised by high hardening speed suitable for enamels and epoxy primers.

#### **APPLICATION FIELD**

Universal epoxy hardener for 2K epoxy products (primers and final coats) where a good hardening speed is required. It is the standard product of the epoxy hardeners range as it is suitable for a wide range of epoxy resins.

## **AQUAMIX PRIMER HARDENER**

#### Series 2933

Hardener for water-based epoxy products





NTI-CORROSIVE RESISTANT

#### **GENERAL INFORMATION**

Nature: Water-based Packages: 1 qt - 1 gal

#### **TECHNICAL FEATURES**

Amine hardener for water-based epoxy primer Series 1056 with good drying speed, chemical and mechanical resistance.

#### **APPLICATION FIELD**

Water-based epoxy hardener specific for water-based epoxy primers and characterised by good anti-corrosive resistance. It gives excellent adhesion to various ferrous and non-ferrous metal substrates.

## HARDENER FOR ANCOR-FIX

Series 8901

Hardener for epoxy products for concrete





FOR FLOORING



#### **GENERAL INFORMATION**

Nature: Solvent-based Packages: 1 qt

#### **TECHNICAL FEATURES**

Hardener suitable for impregnating paints of concrete floors and structures. It is chatacterised by insulating power but it is not suitable for painting surfaces after vapor barrier skim coating treatment.

#### **APPLICATION FIELD**

Hardener suitable as adhesion promoter to facilitate the adhesion of the finishing enamel on mineral surfaces or with clear anti-dust paint for coating anhydrite substrates, concrete (civil/industrial flooring, swimming pools and multipurpose tracks), clay, gypsum, stoneware, marble, exposed bricks, ceramic tiles, river stones, prefabricated, water collection pipes (sewage and rainwater) and containment tanks.

## **SYNTHETIC THINNER 90**

#### Series 0955

Reducer for fast drying synthetic producs to be applied by spray



GENERAL INFORMATION

Packages: 1 qt - 1 gal

#### TECHNICAL FEATURES

Balanced evaporation synthetic reducer.

#### APPLICATION FIELD

Reducer specific for primers and fast drying synthetic enamels to be applied by spray.

## WASH PRIMER THINNER

Series 0963

Reducer for universal wash-primer

GENERAL INFORMATION

Packages: 1 gal

### TECHNICAL FEATURES

Acid-catalized hardener reducer for wash primer.

#### APPLICATION FIELD

Specific accelerator for wash primers. It confers particular characteristics of adhesion to metallic supports and light alloys.

## **ANTI-BLOOMING NITRO THINNER**

Series 0970

Nitro reducer



GENERAL INFORMATION Packages: 1 qt - 1 gal

#### **TECHNICAL FEATURES**

Pure nitro reducer with high evaporation speed.

#### APPLICATION FIELD

Extremely fast reducer, specific for nitro enamels, 1K primers and fast drying enamels.





## **EPOXY THINNER**

Series 0981

Reducer for epoxy products



#### GENERAL INFORMATION

Packages: 1 qt - 1 gal

#### TECHNICAL FEATURES

Reducer for epoxy-based products with high evaporation speed and shear strength.

#### **APPLICATION FIELD**

Reducer specific for 2K epoxy systems, characterized by a balanced evaporation.

## **PUR THINNER**

Series 0988 Reducer for polyurethane enamels



## GENERAL INFORMATION

Packages: 1 qt - 1 gal

#### **TECHNICAL FEATURES**

Uretan-Grade reducer for polyurethane and acrylic with good drying speed.

#### **APPLICATION FIELD**

Reducer specific for 2K systems containing isocyanic hardeners.



HARDENERS FOR ACRYLIC AND POLYURETHANE PRODUCTS				
Series	Commercial Name	Nature	Description	Packaging
0929	PUR ALIPHATIC HARDENER	۲	Hardener for polyurethane products for outdoors	11
1383	STANDARD HS HARDENER	٠	Hardener for acrylic products	2,5
1385	STANDARD UHS ACRYLIC HARDENER	٠	UHS, standard, hardener for acrylic products	2,5
1392	HS PLUS 420 HARDENER	۲	High solid hardener for polyurethane products	1 qt - 1 gal
1610	PUR HARDENER FOR WB PAINTS	٢	Water-based hardener for polyacrylic products	1 qt - 1 gal

HARDE	HARDENERS FOR EPOXY PRODUCTS					
Series	Commercial Name	Nature	Description	Packaging		
0917	EPOX FAST HARDENER	۲	Hardener for textured finish epoxy products	1 qt - 1 gal		
0918	EPOX SLOW HARDENER	•	Slow hardener for epoxy products	1 qt - 1 gal		
0948	EPOX HARDENER FOR FLOORS	٠	Hardener for water-based epoxy products for flooring	1 gal		
1600	EPOX STANDARD HARDENER	٠	Hardener for epoxy products	1 qt - 1 gal		
2933	AQUAMIX PRIMER HARDENER EXTRA	٠	Hardener for water-based epoxy products	1 qt - 1 gal		
8901	HARDENER FOR ANCOR-FIX	٠	Hardener for epoxy products for concrete	1 gal		

#### LEGEND

٢	Solvent-Based hardener
	Water-Based hardener

## **REDUCERS AND ADDITIVES**

REDUCE	RS		
Series	Commercial Name	Description	Packages
0955	SYNTHETIC THINNER 90	Reducer for fast drying synthetic products to be applied by spray	1 qt - 1 gal
0963	WASH PRIMER THINNER	Reducer for universal wash-primer	1 gal
0970	ANTI-BLOOMING NITRO THINNER	Nitro reducer	1 qt - 1 gal
0981	EPOXY THINNER	Reducer for epoxy products	1 qt - 1 gal
0988	PUR THINNER	Reducer for polyurethane enamels	1 qt - 1 gal

	/ES		
Series	Commercial Name	Description	Packages
0615	DRYING AGENT	Drying agent for enamels	1 qt
0851	ANTISKID ADDITIVE	Structuring agent with anti-slip effect	1 qt
1712	ADHESION PROMOTER ADDITIVE	Adhesion promoter additive for glass	1 qt

## Industry

# TINTING SYSTEMS

- Solvent-based colorants
- Solvent-based binders and bases
- Water-based colorants
- Water-based binders and bases



## SOLVENTMIX COLORANTS



#### Series 0615

Solvent-based pigmented colorants for industrial paints for professional use

#### **Technical features**

The colorants of series 0615 are made with very high resistance pigments and are compatible with the resins normally used for the production of solvent-based paint products, free from chromium, lead and heavy metal content.

This system gives the possibility to choose between colors for outdoor and indoor use, formulations for generic industry and for industrial bodywork, as well as for colored products with a particular effect. Production is guaranteed by quality systems and highly selective internal controls that guarantee the consistency of the colorants.

The high concentration of pigments, combined with good fluidity, makes them suitable for automatic dosing systems. Colorants are also free-flowing and non-thixotropic, therefore specific for manual weighing with doser lids systems.

STANDARD SYST	ſEM		
Series	Color code	Color Description	Packaging
0615	0007	FILLER	1 gal
0615	0009	DRYING AGENT	1 qt
0615	0105	WHITE	1 gal
0615	0207	BLACK	1 gal
0615	0308	OXIDE YELLOW	1 gal
0615	0334	COLD LEMON YELLOW	1 gal
0615	0343	BISMUTH YELLOW	1 gal
0615	0356	WARM YELLOW	1 gal
0615	0438	ORGANIC ORANGE	1 gal
0615	0511	OXIDE RED	1 gal
0615	0531	MAGENTA	1 gal
0615	0538	LIGHT RED	1 gal
0615	0605	BLUE	1 gal
0615	0614	VIOLET	1 gal
0615	0704	GREEN	1 gal
0615	0900	LIGHT ALUMINIUM	1 gal

## SOLVENT-BASED COLORANTS

	EMENTARY COLC	PRANTS		
Series	Color code	Color Description	Colorants for	Packaging
0615	0205	DEEP BLACK	Special effects and tones	1 gal

COLOR/	ANTS FOR OTHEI	R SYSTEMS		
Series	Color code	Color Description	Colorants for	Packaging
0615	0223	DEEP BLACK C&T	Car-refinish	1 qt
0615	0388	OXIDE YELLOW LWC	Car-refinish	1 qt
0615	0394	OXIDE YELLOW TRS	Car-refinish, impregnating paints for wood	1 qt
0615	0521	OXIDE RED LWC	Car-refinish	1 qt
0615	0594	OXIDE RED TRS	Car-refinish, impregnating paints for wood	1 qt
0615	0617	BLUE	Car-refinish	1 qt

BASE COATS FOR OTHER SYSTEMS					
Series	Color code	Color Description	Colorants for	Packaging	
3000	0010	TRANSPARENT	Car-refinish, Base Coat for metallic colors	41	
3000	0199	FINE GRAIN ALUMINIUM	Car-refinish, Base Coat for metallic colors	41	
3000	0200	MEDIUM GRAIN ALUMINIUM	Car-refinish, Base Coat for metallic colors	41	
3000	0201	COARSE GRAIN ALUMINIUM	Car-refinish, Base Coat for metallic colors	41	
3000	1000	WHITE	Car-refinish, Base Coat for metallic colors	41	
3000	2000	BLACK	Car-refinish, Base Coat for metallic colors	41	

## SOLVENT-BASED BINDERS AND BASES

1K PRI	1K PRIMERS AND ANTI-CORROSIVE PRODUCTS				
Series	Description	Base Type	Product code	Can size	
0695	ZINCROMAT	BINDER	A0695.C00000GAL4	4 gal	

2K PRI	MERS AND ANTI-CORR	OSIVE PRODUCTS			
Series	Description		Base Type	Product code	Can size
0770	PRIMOZIN		BINDER	A0770.C00000GAL1	1 gal
0770	D PRIMOZIN		BIINDER	A0770.C00000GAL4	4 gal
Series	Hardener	Use	Catalysis	Product Code	Can size
0918	EPOX SLOW	Slow for primore 3:1 by volume	3 · 1 by volume	A0918.N00000GAL.25	1 qt
0/10	HARDENER		5. T by volume	A0918.N00000GAL1	1 gal
0781	EPOXY PRIMER HB			A0781.C00000GAL1	1 gal
0/81		BINDER		A0781.C00000GAL4	4 gal
Series	Hardener	Use	Catalysis	Product Code	Can size
1600 EPOX STANDA	EPOX STANDARD	DX STANDARD	3 : 1 by volume	A1600.N00000GAL.25	1 qt
1000	HARDENER	Slow for primers	J. I by volume	A1600.N00000GAL1	1 gal

тор со	TOP COATS					
Series	Description	Base Type	Product code	Can size		
0320	FAST DRY GLOSSY	BINDER	A0320.C00000GAL1	1 gal		
		BINDER	A0320.C00000GAL4	4 gal		
0322	FAST DRY MATT	BINDER	A0322.C00001 GAL1	1 gal		
0000	CHASSIS PAINT SEMI-GLOSSY DTM	BINDER	A0333.C00001 GAL1	1 gal		
0333	CHASSIS PAINT SEMI-GLOSST DIM		A0333.C00001 GAL4	4 gal		
0335	CHASSIS PAINT GLOSSY DTM	BINDER	A0335.C00001 GAL1	1 gal		

EPOXY	ENAMELS				
Series	Description		Base Type	Product code	Can size
0425	EPOKIM GLOSSY		BINDER	A0425.C00000GAL1	1 gal
Series	Hardener	Use	Catalysis	Product Code	Can size
Series	Hardener EPOX FAST	<b>Use</b> For high thickness	Catalysis 3 : 1 by volume	Product Code A0917.N00000GAL25	<b>Can size</b> 1 qt

Series	Description		Base Type	 Product code	Can size
				A0410.C00000GAL1	1 gal
0410 B	iso 90 glossy Base bianca	catalizza	BINDER	A0410.C00000GAL4	4 gal
Series	Hardener	Use	Catalysis	Product Code	Can size
1392 HS PLUS 420	Standard	4 : 1 by volume	A 1392.N00000GAL25	1 qt	
	HARDENER			A1392.N00000GAL1	1 gal
0410	ISO 90 GLOSSY		WHITE	A0410.B01025GAL1	1 gal
Series	Hardener	Use	Catalysis	Product Code	Can size
1392	HS PLUS 420 Standard HARDENER	3 : 1 by volume	A 1392.N00000GAL.25	1 qt	
1372		olandara	S. P by volonie	A1392.N00000GAL1	1 gal
				A0413.C00000GAL1	1 gal
0413	ISO 90 SATIN		BINDER	A0413.C00000GAL4	4 gal
Series	Hardener	Use	Catalysis	Product Code	Can size
1392	HS PLUS 420	Standard	4 : 1 by volume	A 1392.N00000GAL.25	1 qt
1072	HARDENER			A1392.N00000GAL1	1 gal
1230	ISO 90 MATT		BINDER	A 1230.C00000GAL1	1 gal
Series	Hardener	Use	Catalysis	Product Code	Can size
1202	HS PLUS 420			A 1392.N00000GAL25	1 qt
1392	HARDENER	Standard	4 : 1 by volume	A1392.N00000GAL1	1 gal

Series	Description		Base Type	Product code	Can size
1260	ACRYVER MATT DT	M HS	BINDER	A1260.C00000GAL1	1 gc
Series	Hardener	Use	Catalysis	Product Code	Can size
HS PUUS 420	HS PLUS 420			A 1392.N00000GAL25	1 c
1392	HARDENER	HS, slow for outdoor use	4 : 1 by volume	A1392.N00000GAL1	1 go
1269	METAKRYL SEMI-GL	.OSSY DTM UHS	BINDER	A1269.C00000GAL1	1 go
Series	Hardener	Use	Catalysis	Product Code	Can siz
	HS PLUS 420			A 1392.N00000GAL25	1 c
1392	392 HARDENER	HS, slow for outdoor use	10 : 1 by volume	A1392.N00000GAL1	1 ge
1274	ACRYTIX DTM HS		BINDER	A1274.C00000GAL1	1 go
Series	Hardener	Use	Catalysis	Product Code	Can siz
1392	HS PLUS 420		use 4 : 1 by volume	A 1392.N00000GAL.25	1 c
1372	HARDENER	HS, slow for outdoor use		A1392.N00000GAL1	1 go
1788	ACRYVER GLOSSY D	отм нѕ	BINDER	A1788.C00000GAL1	1 go
Series	Hardener	Use	Catalysis	Product Code	Can siz
1200	HS PLUS 420			A 1392.N00000GAL.25	1 0
1392	HARDENER	HS, slow for outdoor use	4 : 1 by volume	A1392.N00000GAL1	1 ge
				A 1779.C00000GAL1	1 ge
1779	ACRYVER SEMI-GLC	DSSY DTM HS	BINDER	A1779.C00000GAL4	4 go
Series	Hardener	Use	Catalysis	Product Code	Can siz
	HS PLUS 420			A1392.N00000GAL25	1.0
	HARDENER			A1392.N00000GAL1	

VARIO	US PRODUCT			
Series	Description	Base Type	Product code	Can size
1761	PRISMACRYL	BINDER	A1761.C00000GAL1	1 gal

TOP COATS FOR CAR-REFINISH					
Series	Description		Base Type	Product code	Can size
		ACRITOP FAST		A3950.N01000GAL1	1 gal
3950	ACRITOP FAST			A3950.C00000GAL1	1 gal
			BINDER	A3950.C00000GAL4	4 gal
Series	Hardener	Use	Catalysis	Product Code	Can size
1392 HS PLUS 420	HS PLUS 420	LUS 420	4 : 1 by volume	A 1392.N00000GAL.25	1 qt
1372	HARDENER	Standard		A 1392.N00000GAL1	1 gal

SOLVER	NT-BASED FINAL COA	TS FOR FLOORING			
Series	Description		Base Type	Product code	Can size
0434	EPOKIM SATIN		BINDER	A0434.C00000GAL2.4	2.4 gal
Series					
Series	Hardener	Use	Catalysis	Product Code	Can size
1600	Hardener EPOX STANDARD	<b>Use</b>	Catalysis 3 : 1 by volume	<b>Product Code</b> A 1600.N00000GAL25	Can size 1 qt

## **AQUAMIX COLORANTS**



#### Series 1195

VOC Free water-based pigmented colorants for industrial paints for professional use

#### **TECHNICAL FEATURES**

The "VOC free" colorants of series 1195 are made with very high resistance pigments and are compatible with water-based industrial paint products. They are "Binder Free" and guarantee a wide range of compatibility with all products without modifying their rheology and resistance. The high concentration of pigment, combined with good fluidity, makes them suitable for automatic dosing systems, but they are also free-flowing and non-thixotropic, therefore specific for manual weighing with doser lids systems.

In addition to the complete range of colorants, the 1195 series also includes complementary ones such as aluminium and transparent oxides. Furthermore, this Series guarantees the possibility to choose between colors for indoor and outdoor use, among formulations for industrial, wood or decorative sector and also for colored products with particular effects.

EM		
Color code	Color Description	Packaging
0130	WHITE	1 gal
0225	BLACK	1 gal
0318	OXIDE YELLOW	1 gal
0340	ORGANIC YELLOW	1 gal
0350	GOLDEN YELLOW	1 gal
0450	ORGANIC ORANGE	1 gal
0515	OXIDE RED	1 gal
0533	MAGENTA	1 gal
0570	ORGANIC RED	1 gal
0580	LIGHT RED	1 gal
0607	PHTALO BLUE	1 gal
0626	VIOLET	1 gal
0750	PHTALO GREEN	1 gal
0903	FINE GRAIN ALUMINIUM	1 gal
0904	COARSE GRAIN ALUMINIUM	1 gal
	Color code 0130 0225 0318 0340 0340 0350 0450 0515 0515 0533 0570 0580 0580 0607 0626 0602 0602 0602 0602 0602 060	Color codeColor Description0130WHITE0225BLACK0318OXIDE YELLOW0340ORGANIC YELLOW0350GOLDEN YELLOW0450ORGANIC ORANGE0515OXIDE RED0533MAGENTA0570ORGANIC RED0580LIGHT RED0607PHTALO BLUE0626VIOLET0750FINE GRAIN ALUMINIUM

## WATER-BASED BINDERS AND BASES

1K PRI	MER			
Series	Description	Base Type	Product code	Can size
2119	AQUAKIM MATT	BINDER	A2119.C00000GAL1	1 gal
2117		DINDER	A2119.C00000GAL4	4 gal
1K ENA	MELS			
Series	Description	Base Type	Product code	Can size
1218	AQUADRYL GLOSSY	WHITE	A 1218.B01025GAL4	4 gal
1218				
		BINDER	A2138.C00000GAL4	4 gal
2138	AQUAFAST SEMI-GLOSSY DTM	BINDER	A2138.C00000GAL4 A2138.C00000GAL1	4 gal 1 gal

2K EN	AMELS				
Series	Description		Base Type	Product code	Can size
1399	AQUACRIL GLOSSY		WHITE	A 1399.B01025GAL1	1 gal
				A 1399.B01025GAL4	4 gal
			BINDER	A 1399.C00000GAL1	1 gal
				A 1399.C00000GAL4	4 gal
Series	Hardener	Use	Catalysis	Product Code	Can size
1610	PUR HARDENER FOR WB PAINTS	Non-yellowing suitable for water-based, polyacrylic paints	4 : 1 by volume	A 1610.N00000GAL.25	1 qt
				A1610.N00000GAL1	1 gal
2019	AQUACRIL SEMI-GLOSSY HP D		BINDER	A2019.C00000GAL1	1 gal
	AQUACKIL SEMI-OLOSSI HP DIM			A2019.C00000GAL4	4 gal
Series	Hardener	Use	Catalysis	Product Code	Can size
1610	PUR HARDENER FOR WB PAINTS	Non-yellowing suitable for water-based, polyacrylic paints	4 : 1 by volume	A 1610.N00000GAL.25	1 qt
				A1610.N00000GAL1	1 gal
2122	AQUACRIL MATT DTM		BINDER	A2122.C00000GAL1	1 gal
			DINDER	A2122.C00000GAL4	4 gal
Series	Hardener	Use	Catalysis	Product Code	Can size
1610	PUR HARDENER FOR WB PAINTS	Non-yellowing for water-based products	4 : 1 by volume	A 1610.N00000GAL.25	1 qt
				A1610.N00000GAL1	1 gal
2184	AQUAFLOX		WHITE	A2184.B01025GAL2.85	2,85 gal
			BINDER/TRANSPARENT	A2184.C00000GAL2.61	2,61 gal
Series	Hardener		Use	Product Code	Can size
0948	EPOX HARDENER FOR FLOORS	Standard for flooring	3 : 1 by volume	A0948.N00005GAL1	1 gal

## Industry

# SOFTWARE AND TINTING EQUIPMENT

- Color management software
- Painting mixing machines & Automatic dispenser
- Color fan decks & color cases
- Tinting & colorimetric equipment
- Store exhibition
- Technical clothing
- Gadgets
- Catalogues and price lists



## **O** COLOR MANAGEMENT SOFTWARE



## **COLOR MANAGEMENT SOFTWARE COLORBOOK**



Management and color formulation Software linked to Franchi&Kim tinting systems.

ColorBook arises from Franchi&Kim experience gained in 40 years Research and Development in the field of tinting system software.

Colorimetric and IT technicians daily study, research and test more and more performing pigments as well as flexible and original application software, intended to fulfil customer's operational and technical needs.

#### **COLOR FORMULATION**

400.000

Database with more than 400.000 formulas developed on Franchi&Kim fan decks as well as on the ones mainly used on the market



Color research: easy , fast and intuitive to be carried out by color fan deck or starting from part of the color reference or description



Visualisation on the main menu: formula, prices and corresponding discounts , economic incidence of colorants, rgb of the selected color and colorants used



Formula directly sent to the electronic tinting machine, printing of the formula and label just in a few seconds



Printing of technical and safety data sheet of the selected product



Section reserved to personal formulas

The Software can also be integrated with other formulation software (with or without spectrophotometer) in order to have the possibility to enter additional formulas or fan decks

#### **MANAGEMENT STRUCTURE**

$\checkmark$	Management of customer data
--------------	-----------------------------

- Management of sales and consumption statistics for each customer and product
- Management of dosing statistics
- Visualisation of the archive of customer orders
- Creation of a personalised price list
- Possibility to connect specific discount to customers
- Telematics management of technical and safety data sheet: emailing of the sheets to the customers
- Personalised selection of fan decks and products

# PAINTING MIXING MACHINES & AUTOMATIC DISPENSER



## PAINT MIXING MACHINE - PERFITALL PA04-5

#### **Santint Basic Version**



22 Positions for standard solvent-based system

#### MIXING SPEED 72 rpm

**POWER** 400W/500W/750W(Optional)

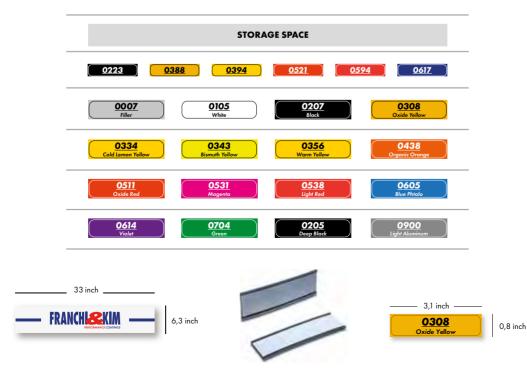
SIZE 1000×630×2077mm 44/20" Container

**MIXING TIME** 0-15Mins/Time

**POSITIONS** n° 16 Colorants (1 gal) + n° 6 Colorants (1 gt)

#### KIT FOR PAINTING MACHINE N° 22 magnetic label + 2 Stencil for Painting Mixing Machine Crowner + 22 Printed labels for colorants

### Box for tinting labels



## PAINT MIXING MACHINE - PERFITALL PA06-5

### **Santint Pro Version**



33 Positions for complete solvent-based system (colorants, binders and base coats)

#### MIXING SPEED

72 rpm

#### POWER

400W/500W/750W(Optional)

#### SIZE

1360×630×2077mm 32/20" Container

#### MIXING TIME

0-15Mins/Time

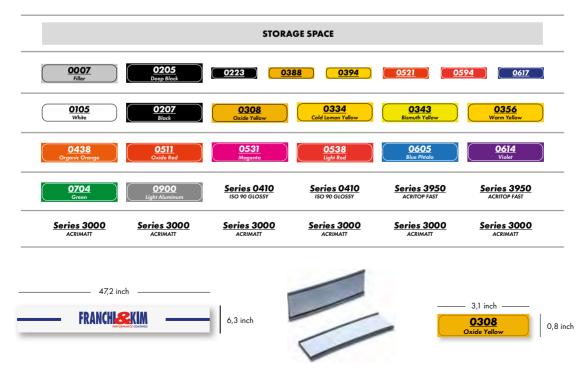
#### POSITIONS

N ° 16 Colorants (1 gal) + n° 6 Colorants (1 qt) + N ° 6 Base Coats (1 gal) + n° 4 Binders (1 gal)

#### KIT FOR PAINTING MACHINE

N° 22 magnetic label + 2 Stencil for Painting Mixing Machine Crowner + 22 Printed labels for colorants

#### Box for tinting labels



## PAINT MIXING MACHINE - PERFITALL PA04-5

## Santint Basic Version



22 Positions for standard water-based system

MIXING SPEED 72 rpm

**POWER** 400W/500W/750W(Optional)

SIZE 1000×630×2077mm 44/20" Container

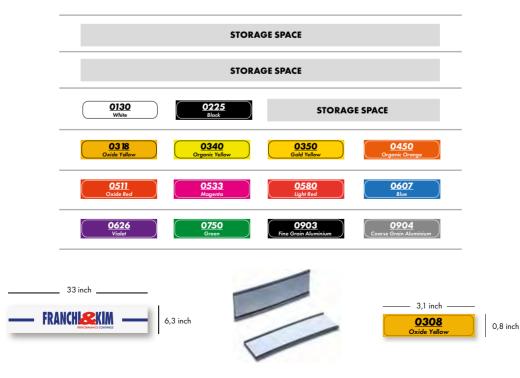
**MIXING TIME** 0-15Mins/Time

**POSITIONS** n° 14 Colorants (1 gal)

KIT FOR PAINTING MACHINE N° 14 magnetic label + 2 Stencil for Painting Mixing

Machine Crowner + 14 Printed labels for colorants

## Box for tinting labels



#### PAINTING MIXING MACHINES & AUTOMATIC DISPENSER

### **A7 AUTOMATIC DISPENSER - 16 CANISTERS**



Paint Mixing Machine for solvent-based colorants

**MIXING SPEED** Sequential pistion pump

SINGLE PUMP STANDARD EFFICIENCY

**MINIMUM SHOT** 1/2000Y(0.015ml)\*It depends on the product properties

MIXING SPEED 20-25r/min

**SIZE** 1100X1270X1325 mm

MIXING TIME 0-15Mins/Time

**POSITIONS** 16 canisters: 4 x 12L + 12 x 6L





## **RAL DOUBLE FACE**

**FEATURES:** Color fan deck Ral Double Face in Glossy and Matt version

N° SHADES:



## NCS INDEX 2050

#### FEATURES:

The NCS Index 2050 is perfect to carry along as a complete colour reference tool

#### **N° SHADES:**







## **COLORADOMIX 1040**

#### FEATURES:

Color fan deck for industrial bodywork and Ace sector (Agricultural, Construction and Earth-moving equipment)

N° SHADES: 1040

## **COLORADO MET**

#### **FEATURES:**

Colorado Met Case for metallic shades for Car-refinish System 252 chips for 1392 color references

#### **N° SHADES:**







## **COLORADO BOX**

#### FEATURES:

Colorado Box Case for pastel colors for industrial, Car&Truck, fleet vehicles system

#### N° SHADES:



## 04 TINTING & COLORIMETRIC EQUIPMENT



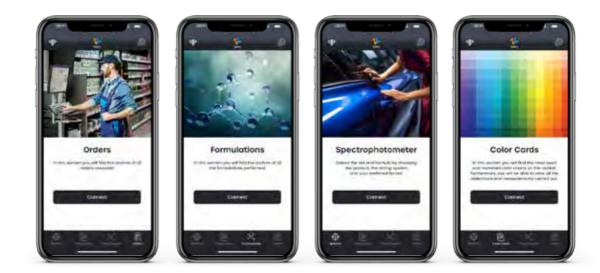
### IKARO

IKARO is an integrated colorimetric system composed of a mobile app for the color formulation, a spectrophotometer, and an order management software.

By connecting these three elements, it's possible to formulate and correct colors easily and quickly, as well as manage the production of the coloured products ordered by the final customers.

The system is connected to a centralized database loaded on a high-performance server which processes all requests and queries.

TOOLS





## **SPECTROPHOTOMETER**

The portable spectrophotometer belongs to the new generation of the LED technology color measurement tools that ensures high quality, spectral distribution, measurement speed, and accuracy of the colour reading results.

The diffuse  $d/8^{\circ}$  sphere geometry instrument is suitable for the reflectance measurements and for measuring colour samples for the quality control tests and for colour formulation and correction.

The instrument is compact and ergonomic, equipped with 3.5-inch colour touchscreen display, USB connection, and Bluetooth $^{\circ}5.0$ .



The mobile app can be installed on smartphones and tablets and is compatible with both Android and iOS devices.

It's possible to connect the app to the spectrophotometer through the Bluetooth, in order to manage the colour formulation and other main functions directly from a smartphone without using

Thanks to this user-friendly app, it is possible to set all the main parameters, store colour readings, view the technical data sheets of the products, customize formulas, and perform many other functions, ensuring the total control and a flexible

MOBILE APP

the monitor of the spectrophotometer.

experience during the color creation process.



#### SOFTWARE MANAGEMENT

The colour management software organises the entire production process, starting from the formulation to the tinting, including the creation of colour cards and the automatic sending of orders.

The software at the core of the entire system is based on a calculation library managing all the algorithms necessary for a precise colour formulation.

The significant innovation introduced by this system is the capability not only to process the order with the electronic tinting machine but, thanks to the connection with the mobile app, to directly receive and manage the customer's order immediately after reading the colour sample and the subsequent formulation and definition of the parameters of the product to be tinted.

## AUTOMATIC GYROSCOPIC MIXER - SANTINT GH360

#### **FEATURES:**

Automatic gyroscope for mixing painted products

MIXING RANGE Ø 50-360mm Height 70-420mm

MIXING SPEED

150/210/240rpm

MIXING TIME

DIMENSIONS

850×900×1050mm



### THICKNESS TESTER

FEATURES: Custom thickness tester for micron measurement



## SMART LAB Portable laboratory

#### FEATURES:

Case with laboratory instrumentation for data collection and technical assistance color reference tool





## MIXING STICK - CAR & TRUCK Ratio 2:1 - 4:1

#### FEATURES:

Graduated mixing stick for catalysis 2:1 and 4:1 for carrefinish products

## MIXING STICK - INDUSTRY Ratio 2:1 - 4:1

#### FEATURES:

Graduated mixing stick for catalysis 2:1 and 4:1 for industrial products





## MIXING STICK - INDUSTRY Ratio 3:1 - 5:1

#### FEATURES:

Graduated mixing stick for catalysis 3:1 and 5:1 in particular for epoxy systems and for flooring products

### MIXING CUP - 0,60 L

#### FEATURES:

Cup with graduated scale and mixing ratio 1:1, 2:1, 3:1, 4:1, 5:1, 6:1, 7:1 + 10% or 20% catalysis





## MIXING CUP - 1,5 L

#### FEATURES:

Cup with graduated scale and mixing ratio 1:1, 2:1, 3:1, 4:1, 5:1, 6:1, 7:1 + 10% or 20% catalysis

## **TINTOSMART - BASIC KIT**

#### FEATURES:

Portable Color System with 8 Colorants

#### USE:

TintoSmart is a Portable Tinting System that allows to tint in a practical and precise manner of water-based paints, wall enamels, water-based acrylic enamels for iron and wood, and decorative finishes. This is achieved through the use of 8 voc-free water-based colorants, which can be dosed in a matter of seconds.





### CAN - 1 GALLON

FEATURES: Branded packaging Franchi&Kim for racking

CAN - 1 QUART

**FEATURES:** Branded packaging Franchi&Kim for racking



## 05 STORE EXHIBITION





## AUTHORIZED DEALER SIGN BIG

#### Features:

Sign authorized dealer 27,55 x 13,77 in (70 x 35 cm)

## AUTHORIZED DEALER SIGN SMALL

#### Features:

Sign authorized dealer 19,68 x 7,87 in (50 x 20 cm)

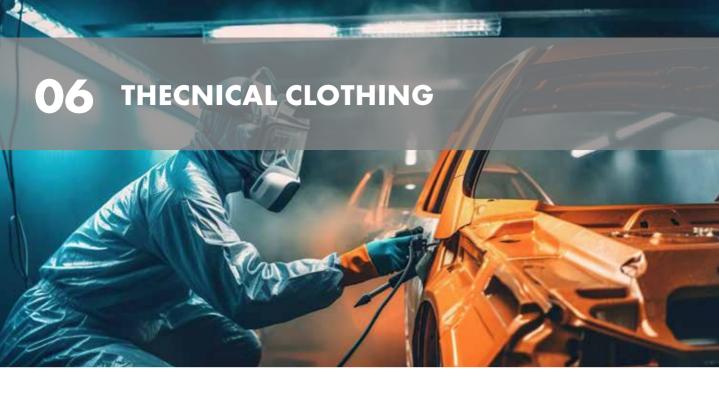




### WINDOW STICKER

#### Features:

Window sticker Franchi&Kim for shops





## **TYVEK PAINT SUIT**

Features: Antistatic tyvek suit for painting



## **CARBON FIBER PAINT SUIT**

**Features:** Carbon fiber suit for painting





#### **SWEATSHIRT JACKET - BLUE**

Features:

Sweatshirt jacek in Scuba fabric (Self Contained Underwater Breathing Apparatus)



Blue navy

## **POLO - BLUE**

Features: Polo short sleeves with Franchi&Kim customization

COLOR:

Blue navy





## TSHIRT - BLUE/WHITE

#### Features:

Men's crew neck t-shirt with Franchi&Kim customization







## **KEYCHAIN**

Features: Key chain can opener

COLOR:



## **CAR ICE SCARPER**

Features: Portable Windshield Ice Scraper







### WINTER HAT

#### Features:

Cap in polyester/acrylic/rayon/wool (60 g) heavy with label

COLOR:



## **MR. COLOR ANTI-STRESS**

Features: Anti-stress painter





## **BACKPACK BAG**

#### **Features:**

Promotional polyester backpack with front pocket with zip closure



### **NECKWARMER**

#### Features:

Neck warmer in microfiber fabriccolour reference tool







## WIRELESS CHARGER

Features: Wirelss battery charger



White

**BLUETOOTH SPEAKER** 

#### Features:

Wireless Speaker Bluetooth 4.2 round with rubberized finish and LED







### THERMAL FLASK

Features: Thermal bottle with double function cap





### PEN

**Features:** Custom pen Franchi&Kim





## NOTEBOOK

Features: Clipboard Franchi&Kim







## **PRICE LIST**

**Features:** Franchi&Kim Price list

## CATALOGUE

**Features:** Franchi&Kim Catalogue





## **BRAND PROFILE**

**Features:** Franchi&Kim Brand profile

## **COMPANY PROFILE**

#### Features:

Estalia Coatings Usa Corp. corporate Company profile



#### Industry

## INDEXES AND NOTES

- Analytical index by commercial name
- Analytical index by series
- Analytical index by product category
- Notes

## 210.95 149.16

27,752.93

12,411.80

1,235.01

5,187.70

7,645.05

0.00

23.26

1.41%

#### ANALYTICAL INDEX BY SERIES

Series	Commercial name	Page
0294	MATCH POINT	81
0320	FAST DRY GLOSSY	34
0322	FAST DRY MATT	35
0333	CHASSIS PAINT SEMI-GLOSSY DTM	37
0335	CHASSIS PAINT GLOSSY DTM	36
0410	ISO 90 GLOSSY	39
0413	ISO 90 SATIN	40
0425	EPOKIM GLOSSY	38
0434	EPOKIM SATIN	76
0450	SEGNAL	80
0615	DRYING AGENTS	96
0695	ZINCROMAT	24
0710	MONOPRIMER	22
0758	REPOKIM	30
0770	PRIMOZIN	29
0781	EPOXY PRIMER HB	27
0789	METAL PRIMER	23
0817	1K BLACK AT 500	60
0820	ALUMINIUM AT 600	59
0851	ANTISKID ADDITIVE	83
0917	EPOX FAST HARDENER	88
0918	EPOX SLOW HARDENER	88
0929	PUR ALIPHATIC HARDENER	86
0948	EPOX HARDENER FOR FLOORS	88
0955	SYNTHETIC THINNER 90	90
0963	WASH PRIMER THINNER	90
0970	ANTI-BLOOMING NITRO THINNER	90
0981	EPOXY THINNER	90
0988	PURTHINNER	91
1056	AQUAPRIMOX	67
1218	AQUADRYL GLOSSY	65
1230	ISO 90 MATT	41
1260	ACRYVER MATT DTM HS	46

Series	Commercial name	Page
1269	METAKRYL SEMI-GLOSSY DTM UHS	42
1274	ACRYTIX DTM HS	43
1314	PROFILLER	26
1383	STANDARD HS HARDENER	86
1385	STANDARD UHS ACRYLIC HARDENER	86
1392	HS PLUS 420 HARDENER	87
1399	AQUACRIL GLOSSY	69
1600	EPOX STANDARD HARDENER	89
1610	PUR HARDENER FOR WB PAINTS	87
1726	ELECTROPOX	28
1740	ECOPRIMER	25
1761	PRISMACRYL	58
1779	ACRYVER SEMI-GLOSSY DTM HS	45
1788	ACRYVER GLOSSY DTM HS	44
2019	AQUACRIL SEMI-GLOSSY HP DTM	<i>7</i> 0
2119	AQUAKIM MATT	64
2122	AQUACRIL MATT DTM	71
2138	AQUAFAST SEMI GLOSSY DTM	66
2151	AQUAPRIMER PLUS 2K	68
2184	AQUAFLOX	77
2750	POOLKIM	82
2933	AQUAMIX PRIMER HARDENER	89
3000	ACRIMATT	52
3220	ACRIGLASS KRISTAL HS ANTI-SCRATCH	50
3400	ACRIFILLER	54
3420	ACRIGLASS FAST UHS 420	51
3470	ACRIFILLER FAST	53
3950	ACRITOP FAST	77
8200	AQUAFIXER	75
8210	AQUAFLOOR	79
8231	ANCOR-FIX	74
8240	ACRIFLOOR	<i>7</i> 8
8901	HARDENER FOR ANCOR-FIX	89

#### ANALYTICAL INDEX BY COMMERCIAL NAME

Series	Commercial name	Page
0817	1K BLACK AT 500	60
3400	ACRIFILLER	54
3470	ACRIFILLER FAST	53
8240	ACRIFLOOR	78
3420	ACRIGLASS FAST UHS 420	51
3220	ACRIGLASS KRISTAL HS ANTI-SCRATCH	50
3000	ACRIMATT	52
3950	ACRITOP FAST	77
1274	ACRYTIX DTM HS	43
1788	ACRYVER GLOSSY DTM HS	44
1260	ACRYVER MATT DTM HS	46
1779	ACRYVER SEMI-GLOSSY DTM HS	45
0820	ALUMINIUM AT 600	59
8231	ANCOR-FIX	74
0970	ANTI-BLOOMING NITRO THINNER	90
0851	ANTISKID ADDITIVE	83
1399	AQUACRIL GLOSSY	69
2122	AQUACRIL MATT DTM	71
2019	AQUACRIL SEMI-GLOSSY HP DTM	70
1218	AQUADRYL GLOSSY	65
2138	AQUAFAST SEMI GLOSSY DTM	66
8200	AQUAFIXER	75
8210	AQUAFLOOR	79
2184	AQUAFLOX	77
2119	AQUAKIM MATT	64
2933	AQUAMIX PRIMER HARDENER	89
2151	AQUAPRIMER PLUS 2K	68
1056	AQUAPRIMOX	67
0335	CHASSIS PAINT GLOSSY DTM	36
0333	CHASSIS PAINT SEMI-GLOSSY DTM	37
0615	DRYING AGENTS	96
1740	ECOPRIMER	25
1726	ELECTROPOX	28

Series	Commercial name	Page
0425	EPOKIM GLOSSY	38
0434	EPOKIM SATIN	76
0917	EPOX FAST HARDENER	88
0948	EPOX HARDENER FOR FLOORS	88
0918	EPOX SLOW HARDENER	88
1600	EPOX STANDARD HARDENER	89
0781	EPOXY PRIMER HB	27
0981	EPOXY THINNER	90
0320	FAST DRY GLOSSY	34
0322	FAST DRY MATT	35
8901	HARDENER FOR ANCOR-FIX	89
1392	HS PLUS 420 HARDENER	87
0410	ISO 90 GLOSSY	39
1230	ISO 90 MATT	41
0413	ISO 90 SATIN	40
0294	MATCH POINT	81
1269	METAKRYL SEMI-GLOSSY DTM UHS	42
0789	METAL PRIMER	23
0710	MONOPRIMER	22
2750	POOLKIM	82
0770	PRIMOZIN	29
1761	PRISMACRYL	58
1314	PROFILLER	26
0929	PUR ALIPHATIC HARDENER	86
1610	PUR HARDENER FOR WB PAINTS	87
0988	PUR THINNER	91
0758	REPOKIM	30
0450	SEGNAL	80
1383	STANDARD HS HARDENER	86
1385	STANDARD UHS ACRYLIC HARDENER	86
0955	SYNTHETIC THINNER 90	90
0963	WASH PRIMER THINNER	90
0695	ZINCROMAT	24

#### ANALYTICAL INDEX BY PRODUCT CATEGORY

Product category	Series	Commercial name	Page
	0695	ZINCROMAT	24
	0710	MONOPRIMER	22
1K PRIMERS AND ANTI-CORROSIVE PAINTS	0789	METAL PRIMER	23
	1740	ECOPRIMER	25
	0758	REPOKIM	30
	0770	PRIMOZIN	29
2K PRIMERS AND ANTI-CORROSIVE PAINTS	0781	EPOXY PRIMER HB	27
	1314	PROFILLER	26
	1726	ELECTROPOX	28
	0320	FAST DRY GLOSSY	34
QUICK-AIR DRYING ENAMELS	0322	FAST DRY MATT	35
	0333	CHASSIS PAINT SEMI-GLOSSY DTM	37
	0335	CHASSIS PAINT GLOSSY DTM	36
EPOXY ENAMELS	0425	EPOKIM GLOSSY	38
	0410	ISO 90 GLOSSY	39
ACRYLIC AND POLYURETHANE ENAMELS	0413	ISO 90 SATIN	40
	1230	ISO 90 MATT	41
	1260	ACRYVER MATT DTM HS	46
	1269	METAKRYL SEMI-GLOSSY DTM UHS	42
DTM - DIRECT TO METAL POLYACRYLIC PAINTS	1274	ACRYTIX DTM HS	43
	1779	ACRYVER SEMI-GLOSSY DTM HS	45
	1788	ACRYVER GLOSSY DTM HS	44
PRIMERS	3400	ACRIFILLER	54
	3470	ACRIFILLER FAST	53
BASE COATS	3000	ACRIMATT	52
ΤΟΡ COAT	3950	ACRITOP FAST	77
CLEAR COATS	3220	ACRIGLASS KRISTAL HS ANTI-SCRATCH	50
	3420	ACRIGLASS FAST UHS 420	51
VARIOUS PRODUCTS	1761	PRISMACRYL	58
HIGH TEMPERATURE SILICONE-BASED PRODUCTS	0817	1K BLACK AT 500	60
	0820	ALUMINIUM AT 600	59

Product category	Series	Commercial name	Dana
Product category 1K WATER-BASED PRIMERS	2119		Page 64
	1218	AQUADRYL GLOSSY	65
1K WATER-BASED ENAMELS	2138	AQUAFAST SEMI GLOSSY DTM	66
	1056	AQUAPRIMOX	67
2K WATER-BASED PRIMERS			
	2151	AQUAPRIMER PLUS 2K	68
	1399	AQUACRIL GLOSSY	69
2K WATER-BASED ENAMELS	2019	AQUACRIL SEMI-GLOSSY HP DTM	70
	2122	AQUACRIL MATT DTM	71
IMPREGNATING AGENTS	8231	ANCOR-FIX	74
	8200	AQUAFIXER	75
FINAL COATS	0434	EPOKIM SATIN	76
	2184	AQUAFLOX	77
CLEAR COATS	8240	ACRIFLOOR	<i>7</i> 8
	8210	AQUAFLOOR	79
HORIZONTAL ROAD MARKINGS FOR ASPHALT	0450	SEGNAL	80
BICYCLE AND PEDESTRIAN PATHS AND SPORTS FLOORS	0294	MATCH POINT	81
POOLS	2750	POOLKIM	82
	0929	PUR ALIPHATIC HARDENER	86
	1383	STANDARD HS HARDENER	86
HARDENERS FOR ACRYLIC AND POLYURETHANE PRODUCTS	1385	STANDARD UHS ACRYLIC HARDENER	86
	1392	HS PLUS 420 HARDENER	87
	1610	PUR HARDENER FOR WB PAINTS	87
	0917	EPOX FAST HARDENER	88
	0918	EPOX SLOW HARDENER	88
HARDENERS FOR EPOXY PRODUCTS	0948	EPOX HARDENER FOR FLOORS	88
	1600	EPOX STANDARD HARDENER	89
	2933	AQUAMIX PRIMER HARDENER	89
	0955	SYNTHETIC THINNER 90	90
	0963	WASH PRIMER THINNER	90
REDUCERS	0970	ANTI-BLOOMING NITRO THINNER	90
	0981	EPOXY THINNER	91
	0988	PUR THINNER	91
	0615	DRYING AGENT	93
ADDITIVES	0988		83
	1712	ADHESION PROMOTER ADDITIVE	93

## Industry NOTES

#### QR code

Using the camera of your smartphone or tablet, framing the QR code of each product detail, it is possible to directly access the download area of each series of product.

In this section, after the user registration, it is possible to download all technical documentations of each product.



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#### Parameters and data

The information and data contained in the product sheets of each series listed in this catalogue have guidancy only value, therefore, it is advisable to consult the technical data sheet that can be downloaded from the website www.franchi-kim.com in the section technical documentation that can be found in the download area or to scan the QR code that can be found in every product detail.

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