

TKROM IMPREGNANTE HI-10 Y HI-20



PRODUCT DESCRIPTION

Thinner-based product that compacts and waterproofs concrete and increases its resistance. Completely transparent and colourless, it highlights pavement colour and finish. Its dust-proof properties make it easy to clean both dry and wet printed concrete surfaces where it is applied. The standard product is the HI-10. HI-20 is more highly concentrated and used for special applications.

USES / SCOPE OF APPLICATION

- For sealing and compacting concrete pavement and porous surfaces..
- Outdoors/Indoors.
- Brick or gypsum walls.
- Concrete.
- Cement mortars.
- Fixative.
- Adhesion promoter.
- Absorption regulator.
- Porous surface hardener.

CONTAINER	SIZE
Metal	1 L (HI-10)
Metal	5 L (HI-10)
Metal	25 L (HI-10, HI-20)

CHARACTERISTICS / BENEFITS

- Excellent ease of application.
- Very fast drying.
- There is no need of sanding for painting over.
- Its properties are unaltered when painting over.
- Repaintable with most paints.
- Good adhesive properties.
- Moisture resistant.
- Provides enhanced hardness.
- Good penetrative power.

PRODUCT PROPERTIES

APPEARANCE OF THE DRY FILM	VALUE	STANDARD	REPORT
COLOUR	Incoloro		

PHYSICAL PROPERTIES	VALUE	STANDARD	REPORT
DENSITY	HI-10 = 0,88-0,92 g/ml HI-20 = 0,93-0,97 g/ml	UNE-EN ISO 2811-1	
VISCOSITY (ISO)	HI-10 = 20-30 segundos HI-20 = 70-120 segundos	UNE-EN ISO 2431	

REFERRING TO ITS FORMULATION	VALUE	STANDARD	REPORT
CONTENT IN NON-VOLATILE MATERIAL (MASS)	HI-10 = 19-21% HI-20 = 39-41%	UNE-EN ISO 3251	
CONTENT IN NON-VOLATILE MATERIAL (VOLUME)	HI-10 = 16-18% HI-20 = 33-35%	UNE-EN ISO 23811	
MAXIMUM ADMISSIBLE COV CONTENT	750 g/L	2004/42/II A clasificación	
MAXIMUM ADMISSIBLE COV CONTENT IN THE PRODUCT	750 g/L	2004/42/II A clasificación	

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APPLICATION PROPERTIES	VALUE	STANDARD	REPORT
THEORETICAL YIELD	HI-10 = 4-6 m ² /L - 5-7 m ² /kg a 30µm secas HI-20 = 10-12 m ² /L - 11-13 m ² /kg a 30µm secas	UNE-EN ISO 23811	
THINNER	TKROM Disolvente 350 Cloro Caucho y Superlite Exterior / TKROM Disolvente 302 Universal		

MEDIUM CONDITIONS

If outside, do not apply if rain is forecast, in strong midday sun or on very humid days.

APPLICATION SYSTEM

SYSTEM	PRODUCT	THEORETICAL YIELD	DILUTION	COATS
PRIMING	TKROM HI-10 OR HI-20 PENETRATOR	5-7 m ² /l per coat	0%-50% (IN CERTAIN CASES 100%) DEPENDING ON THE MEDIUM AND THE APPLICATION SYSTEM TKROM 302 UNIVERSAL THINNER TDS-6961 or TKROM 350 CHLORINATED RUBBER THINNER TDS-6934	1 or 2

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APPLICATION PROCESSES

PROCESS	INSTRUCTIONS
PRODUCT PREPARATION	<ul style="list-style-type: none"> · Stir until the mixture is properly homogenised. · Stir again at regular intervals. · Adjust viscosity. · Evaporation will take place during prolonged application, so the viscosity will have to be adjusted.
APPLICATION	<ul style="list-style-type: none"> · It can be applied using a brush, roller, spray gun or airless paint sprayer, directly onto any of the aforementioned underlying layers, which must be sanded, clean and grease free. · Never apply under conditions of strong sunlight, rain or high relative humidity. · The product can be used to repaint over most paints. · It should be diluted according to the medium in each case and the desired final effect. · The proper amount of thinner will vary in each case. When applied on vertical surfaces, it must be adjusted so that, once dry, it leaves a contrast patina on the surface. · Very large amounts of the product (low thinning) can form a compact film, which will make adhesion of subsequent layers of paint difficult (if there are any). On the contrary, using too much thinner will result in the application of insufficient adhesive, making application difficult, reducing the anchoring properties of the finish and generating areas where absorption is uneven. · Under normal conditions, coats applied on pavement should not be thinned, since the goal is to provide hardness. · In certain cases, a thinned coat may be necessary, followed by normal application. · Of the two thinners recommended in the section above, TDS-6934 should be used in conditions where the temperature is high and slower evaporation rates are required. · If the ambient temperature is low, use TDS-6961. · If applying with a brush or roller, dilute the product by 0%-20%-60%, depending on needs. · To apply with a spray gun or airless paint sprayer, dilute by 40%-100%.
TOOL CLEANING	<ul style="list-style-type: none"> · (See application process)

WAIT TIMES

Touch dry in 5-10 minutes, and can be walked on or painted over after six hours.

SAFETY

Users should refer to the labelling and the latest version of the product's Safety Data Sheet for any information regarding safety issues related to use, storage, transport and waste disposal. The Safety Data Sheet contains all of the physical, environmental and toxicological data on the product, and information on all other issues related to this topic.

SAFETY SHEET	LER CODE	WASTE TYPE
MSDS-6939	08 01 11	HAZARDOUS

STORAGE

When kept in its original unopened container at room temperatures below 30°C and above 5°C, the product will remain stable for 12 months from the date of manufacture.

It should be stored in a cool, dry place, in its original properly sealed and undamaged container, protected from frost and direct sunlight.

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TARIFF HEADING

TARIC code: 3208 20 90

Note: The data presented in this technical data sheet may be modified based on possible changes in formation. In any case, values are provided for information purposes only, and the suitability of the product for a certain job should always be tested.

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