PRIMER SINT

Solvent-based synthetic primer

Technical data sheet

Description

Solvent-based very quick-drying synthetic black primer, non bituminous, for concrete and metal surfaces.

Fields of application

PRIMER SINT is used on concrete structures to prepare a good anchorage for polymer-bitumen membranes.
In particular for the application of self-adhesive polymer bitumen membranes which requires a product that, in addition to blocking the dust, increases adherence to the support.
It blocks the effects of dust providing an excellent adhesion to the support and compared to standard primers provides a better grip on the support itself and to polymer-bitumen membranes, a very quick drying film and a better elasticity.
PRIMER SINT is applied on concrete, metal or wooden* surfaces, especially indicated on viaducts & bridges before the application of polymer-bitumen membranes.
The dried film has an excellent elasticity and adhesion to the support and - compared to common bituminous primers - gives much better results even at very low temperatures (<+10°C). Moreover, it dries in a few minutes, considerably reducing waiting time before the application of polymer-bitumen membranes.

* for this use, contact our technical office for more information.

Chemical composition

Synthetic primer made of synthetic resins and very quick drying pure solvents.

Use

Even if the product is suited to be applied on wet surfaces, it is preferable that the concrete surfaces to be treated are as dry as possible, free of friable or non-adherent parts, paints, rust, dust, disarming oils.
PRIMER SINT is ready to use and can be applied by roller, brush, spray or broom.
Avoid application in weather conditions that may affect proper drying of the product.
Drying time depends on the concrete porosity, on film required thickness and on environmental temperatures.
Both hot and cold application of polymer-bitumen membranes on the coated concrete is possible only if the product is completely dry.

Estimated yield depends on porosity and absorption properties of the support: consumption is roughly 80-180 g/m², on metallic surfaces and 100-200 g/m² on cement surfaces.
Clean the tools using a common synthetic or nitrous diluents.

Warnings

Before covering, check that the product is completely dry.
Make sure that fissures and air vents are closed before application.
Do not use inside residential buildings or in non-ventilated environments.
Do not use for waterproofing surfaces or containers intended to contain edible liquids, drinking water or in contact with solvents or mineral oils.
Keep in original packaging well closed at a temperature not lower than +5°C.
Flammable product.
Do not expose to temperatures > +30°C, direct sunlight, heat sources, open flames or other sources of ignition.

Technical data

General Features	Norm	Values
Aspect		Liquid
Colour		Black
Shelf life in closed original container		24 months
Closed-cup flash point	ASTDM 3828-87	< +23°C
Solid Content (m/m at 130°C)	UNI EN ISO 3251	(26 ÷ 30)%
Brookfield viscosity at 20°C (imp. 2, 20 rpm)	UNI EN ISO 3219	(600 ± 120) cP
Density at 20°C	UNI EN ISO 2811-1	(0,90 ± 0,03) kg/l
Drying time (dry-to-touch)		5 ÷ 15 minutes*

* Values recorded with temperature of +23°C and humidity at 50%. The data expressed may vary depending on the thickness applied and specific site conditions: temperatures, humidity, ventilation, absorbency of the substrate.

Packaging

Pail size	Pails per pallet
20 l.	48

We reserve the rights to change or modify the nominal values without prior notice or advice.

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