primer EP-1020

100% SOLID EPOXY PRIMER

It's a bi-component fluid primer epoxy based 100% solids, is specially designed to increase adherence of TECNOFLOOR T-3020 systems.

USES

Specially designed to increase the adhesion of the system TECNOFLOOR T-3020 on concrete supports.

Performance	250 ~ 1000 g/m²
Mixing ratio	2:1
Pot Life	± 50 minutes (20 ºC)
Adhesion on concrete	> 2 N/mm
Tack time	12 - 24 hours (23 ºC)

GENERAL FEATURES

- High fluidity that allows for quick and easy application of the product.
- High penetration and sealing on support.
- Excellent adhesion to concrete.
- 100% solids.
- may yellow on outdoor exposure, due to the action of UV rays, to be an epoxy.
- Odorless, and solvent free.
- Do not add water or any solvent.
- Depending on the state of the surface to be treated, unevenness or plane level, yield, used like primer, can vary between 200-700 g/sqm.in several layers.
- The performance, used like a filling mortar is highly variable.Using with silica sand (mix 1:4), or calcium carbonate.
- It can be applied on surfaces with a maximum surface humidity of 4%.
- Past 7 days, coming to cured material total.Preserve the direct contact with water or other reagents until this moment.
- Do not apply at temp. below. 10 ºC or more than 30 ºC, or with relative moisture more than 80%. Do not use hot air guns that burns fossil fuels. This conditions facilitate the appearance of white spots. Use electric heaters.

- Translucent applied.
- The **PRIMER EP-1020** should be applied in dry conditions avoiding the presence of humidity or water coming from the surface to be coated or the substrate, whether at the time of application or subsequently (pressure from phreatic water level).
- The component A is red colored, to mix with the comp. B turns orange. (in the mixed product, doesn't see this oranged color).

PRESENTATION

Metal tins of 10,3 and 4,7 kg each one:
COMPONENT A: 10,3 kg.
COMPONENT B: 4,7kg.

EXPIRY

24 months each product at temperatures between 5° C and 25° C, provided it is stored in a dry place. Once the tin has been opened, the product must be used immediately.

APPLICATION

- The surface must be clean and dry. If necessary, use pressurised water to remove any oil or grease residue, efflorescence or other contaminants, as well as loose cement laitance.
- In some cases it will be necessary to use mechanical processes to prepare the surface, as well as chemical means to clean metal surfaces.
- Mix the two components using a rod stirrer for about 2 minutes.
- Before applying, take into account the residual humidity from cleaning, that is, wait until its total evaporation or verify any humidity in the surface using a measuring device.
- Apply two or more coats of **PRIMER EP-1020** until the desired thickness is obtained.
- If the surface to be treated is very uneven, apply an initial coat of **PRIMER EP-1020** mixed with mineral filings to level it.
- Wait until completely dry before applying the desired waterproofing or concrete protection system.

HANDLING AND TRANSPORT

These safety recommendations for handling, are necessary for the implementation process as well as in the pre-and post, on exposure to the loading machinery.

- Respiratory Protection: When handling or spraying use an air-purifying respirator.
- Skin protection: Use rubber gloves, remove immediately after contamination. Wear clean body-covering. Wash thoroughly with soap and water after work and before eating, drinking or smoking.
- Eye / Face: Wear safety goggles to prevent splashing and exposure to particles in air.
- Waste: Waste generation should be avoided or minimized. Incinerate under controlled conditions in accordance with local laws and national regulations.

Anyway, consult the safety data sheet of the product, are publicly available.

For other types of surfaces, for further information on the application procedure execution, or for any questions added, consult our technical department.

PROPIERTIES

PROPIERTIES	VALUE	RESULT
Density at 20 ºC	kg/m³	1.050
Viscosity (iso nº 6 at 25 ºC)	cps	250
Mix ratio	%	±2:1
Shore D at 7 days	---	>75
Adhesion to concrete	N/m² (MPa)	> 2
Pot life at 23 ºC	minutes	±50
Dry time tack free at 23 ºC	hours	5 ~ 6
Dry time final at 23 ºC	days	±7
Max. Time to repaint at 23 ºC	hours	12 ~ 48
Resistance to temperature for use	ºC	-20 ~ 80
Min. support and environmental temp.	ºC	+3 ºC to dew point
Environmental temp. range	ºC	10 ~ 30
Max. moisture on the support	%	±4
Max. environmental moisture	%	±80
Dilution	NEVER	

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