

PRIMER S 120
EPOXY PRIMER FOR HUMID
SURFACES

Ref No: TBF / S 120 / 01 01.01.2014

PRODUCT DEFINITION

Twin component, solventless, epoxy resin based epoxy primer providing moisture barrier and penetrating into capillary concrete cracks on humid and wet surfaces.

AREAS OF USE

Used as humid surface concrete primer on factory and warehouse grounds, operational areas, loading fields, industrial grounds subject to moderate and heavy load, and before epoxy, polyurethane and polyurea applications.

PRODUCT SPECIFICATIONS

Color	Colorless
Appearance	Blurred
Solid Matter by Weight, %	98
Density	1,20 g/cm ³
Usage Rate	0,300-0,500 kg / m ²
Packaging	12 kg A component + 5 kg B component: Total 17 kg
Fire Point	>25 °C
Mixture Rate	2,4 / 1
Application Methods	Brush, Roller, Trowel
Mixture Life	40 minutes / 25 °C
Shelf Life	1 year
Waiting Time Between Coats	12 hours / 25°C
Drying Time	12 hours / 25°C
Mechanical Strength	7 days
Equipment Cleaning	Epoxy Thinner

SURFACE PREPARATION

Surface must completely be cleaned of free particles and paint residues; fractures and cracks must be repaired; surfaces must be roughened mechanically (blastrac or milling machine) and cleaned of dust with vacuum sweeper.

MIXTURE PREPARATION

Being careful with the mixture ratios of A and B components, it must be mixed for at least 3-4 minutes with a low speed mixer until a homogenous mixture is obtained. **Ready for application after mixing.**

APPLICATION CONDITIONS

Surfaces must have enough strength. Concrete pressure strength must be minimum 25 N/mm², and tensile strength of it must be minimum 1,5 N/mm².

Before top coating, S 120 curing must be completed.
Application must be avoided in temperatures below 10°C.
Mixture rates must be paid attention.

GRADA YAPI KİMYASALLARI VE İNŞAAT MALZEMELERİ ÜRETİM SAN. TİC. A.Ş.

Merkez : Çınardere Mah.Akan Sokak No:13 Kat.2 3 Nolu Bölüm Pendik -İstanbul /TÜRKİYE

Telefon : +90 216 379 83 53 -52 Fax : +90 216 379 83 51

E-mail : info@grada.com.tr web : www.grada.com.tr

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Products recommended for use on :

Solventless Epoxy Resin Based Top Coatings and Paints
Polyurethane Based Water Insulation Membrane
Polyure Coatings

SAFETY

This product is for professional use. Pay attention to the safety warnings on the package before use, see the product's Material Safety Know-How Index when needed. Do not inhale, avoid contact with skin and eyes, do not swallow, use proper work safety equipment. Take safety precautions for environment protection as well as fire and explosion danger. Apply in well ventilated areas.

**TRANSPORTATION and
STORAGE**

The product must be stored in 5-35°C.
The product must not be subjected to direct sun light.
Opened product must be stored in its own package, with its lid firmly sealed.

NOTE:

GRADA reserves the right to make improvements/revisions on the product and this technical document in time. This Know-How Index renders invalid the Know-How Indexes published before, and is valid for 5 years. The user must ensure that the technical document they have is of the latest version, and contact our company when needed for querying about the validity of the document. Proper use of the product, validity of the application conditions and methods are under the user's responsibility. GRADA Epoxy Paint declines any warranty claims regarding the consequences, work accidents, direct or indirect damages or harm caused by not using the product as recommended. Packaging values stated above are the nominal values in the formulae standardized by GRADA. Under normal production conditions, there may be deviations in a level estimated in international standards.

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