

PRIMER S-170
EPOXY FUSING BRIDGE LOW
VISCOSITY IMPREGNATED

Ref No: TBF / S 170 / 01 01.01.2015

PRODUCT DEFINITION

Two components, solventless epoxy resin based, low viscosity impregnated primer and fusing bridge.

Public works item no: 04.61381

AREAS OF USE

An epoxy product which prevents water absorptance by filling the pores on wood and concrete surfaces, provides better fusing between coats, is used for forming fusing bridges, leaves a good film on the surface.

PRODUCT SPECIFICATIONS

Color	Colorless
Appearance	Transparent
Solid Matter by Weight, %	44
Density	0,93 g/cm ³
Usage Rate	0,150 – 0,400 kg / m ²
Packaging	A component + B component: Total 20 kg
Fire Point	>25 °C
Mix Rate	4 / 1
Application Methods	Brush, Roller, Trowel, Airless Paint Gun
Mixture Life	120 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

-Free particles on the surface must be completely removed (by blasting or milling) and the surfaces must be mechanically roughened 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.

Surface must be clean, proper and dry, and humidity must not exceed 5%; if humidity rate is higher, S 120 Epoxy Primer for Humid Surfaces must be preferred.

Before top coating, S 170 curing must be completed.

Application must be avoided in temperatures below 10°C and very humid ambiances.

Mixture rates must be paid attention.

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- Products recommended for use on :

- Epoxy Resin Based Primers
- SL 250 Solventless Epoxy Resin Based Top Coating
- S 240 Epoxy Top Coat Paint for Steep Surfaces
- S 245 Top Coating with Orange Peel Design
- S 8 Sanitary Epoxy Top Coating and Paint for Fresh Water Depots
- S 302 Solventless Epoxy Top Coating
- S 305 Solventless Epoxy Paint Resistant to Chemical Substances for Steep Surfaces
- S 350 Solventless Epoxy Coating Resistant to Chemical Substances
- POLYURE Water Insulation Coating
- PU 745 Polyurethane Self Levelling Coating
- PU 750 Polyurethane Semi Flexi Self Levelling Coating
- PU 126 Polyurethane Flexi Water Insulation Coating
- PU 1K Polyurethane Water Insulation Membrane

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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