

Boscoseal EpoPrimer 2C

EPOXY BASED PRIMER FOR NON-POROUS SUBSTRATES

TECHNICAL DATA SHEET

BENEFITS

- Easy and fast application
- Highly resistant to abrasion and water
- Excellent adhesion to non-porous substrates like glass, metal, failed (but stable) torch-on membrane etc.
- Can be used as a vapor/negative pressure humidity barrier
- Unaffected by weather conditions
- Resistant to salty water, aqueous solution, diluted bases and acids, benzene and mineral oils
- Fills the non-structural capillary cracks by decreasing water-absorbency of the concrete construction

PRODUCT DESCRIPTION

Bostik Boscoseal EpoPrimer 2C is a two component, rigid, water-born epoxy based universal primer in transparent color. It is used as a primer before applying the polyurethane or epoxy-based materials onto non-porous and non-absorbent substrates.

APPLICATIONS

- For priming strong and sound concrete surfaces.
- To increase the adhesion performance of mineral-based surfaces.
- Suitable for glass, tiles, ceramics, metal and aluminum.
- For existing bituminous membranes (only in warm climatic zones, and in good condition).
- To obtain high adherence in surfaces to be coated with polyurethane or epoxy.
- As a vapor and negative pressure humidity barrier. (with a consumption of 0.2kg/m² per coat, in minimum 3 coats).
- To increase the adherence of the add-on material when applied before adhesive or coating materials, such as wood, concrete on the absorbent surfaces.

CONSUMPTION

Approximately 0,2 kg/m² per coat, depending on the absorbency and smoothness of the surface. The coverage amounts are theoretical and it is recommended to do coverage-controlled sample application before treatment.

When used as a vapor/negative pressure humidity barrier: Minimum total consumption of 0.6 kg/m², applied in 3 or more coats.

DIRECTIONS OF USE

- The product can be applied by roller or brush.
- Components A and B should be mixed by low



speed mechanical mixer according to the stipulated mixing ratio, for about 3-5 min.

- The mixing of the components must be very thorough, especially on the sidewalls and bottom of the pail until the mixture becomes fully homogeneous.
- The well mixed material has a milky white color when it is still liquid turning to transparent upon curing.
- Newly applied surfaces should be protected from water for 2-4 hours and the basecoat has to be applied within 6-12 hours (not later than 24 hours).

TECHNICAL DATA

Color	Transparent
Mixing Ratio	1:1
Specific weight	1gr/cm ³
Curing time (h)	6-12
Pot life (h)	Max 1
Application temperature	Between + 10°C and + 35°C
Resistance of hardened coating	Between -30°C and + 90°C

Technical data are approximately provided according to a temperature of + 20°C and a relative humidity of 50%.

LIMITATIONS

Do not apply in thick coats, at a consumption higher than 0.3kg/m² per coat.

SURFACE PREPARATION

- The dehumidified surfaces should be stable, binding, clean and grease-free.
- Maximum moisture content should not exceed 8 %.
- Substrate compressive strength should be at least 25 MPa. New concrete structures need to dry for at least 28 days.
- The bituminous, acrylic and tar substrates should be cleaned entirely until no residues remains, before the application.

CLEANING

Clean tools and equipment using water, before the primer cures.

COLORS

Comp. A: yellowish/transparent
Comp. B: White

PACKAGING

(4+4) kg /set and (1+1) kg / set

SHELF LIFE

- The product must be protected from water, frost and adverse weather conditions.
- It should be kept dry and cool on wooden pallets at between +10°C and +25°C in moisture free conditions.
- Opened packaging should be closed immediately after use and consumed within 24 hours.
- Maximum 3 set boxes should be stocked on each other.
- Shelf life is maximum 12 months conditional when complying with the above-mentioned storage conditions.

HEALTH AND SAFETY

Please read MSDS (Material Safety Data Sheet) before application.

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