

# Boscoseal Primer 1C

## POLYURATHANE BASED PRIMER FOR POROUS SUBSTRATES

### TECHNICAL DATA SHEET

#### BENEFITS

- Easy and fast application
- Highly resistant to water
- Unaffected by weather conditions
- Resistant to salty water, aqueous solution, diluted bases and acids
- Impregnates by penetrating deeply into all mineral and concrete surfaces with high adherence
- Fills the non-structural capillary cracks by decreasing water-absorbency of the concrete construction
- Hardens the upper surface of the concrete by deeply penetrating the surfaces

#### PRODUCT DESCRIPTION

**Bostik Boscoseal primer 1C** is one-component, ready to use, transparent, deeply penetrating and rapid curing polyurethane primer. It is used before applying the polyurethane-based materials onto porous and absorbent substrates.

#### APPLICATIONS

- To prime the dusting and crumbling surfaces.
- To increase the adhesion performance of mineral-based surfaces.
- Used for obtaining high adherence in surfaces to be coated with polyurethane waterproofing membrane.
- As a primer for application over existing PU waterproofing membranes.
- 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 0.15 lt/m<sup>2</sup> 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.

#### DIRECTIONS OF USE

- The product can be applied by roller, brush or with airless system.
- Newly applied surfaces should be protected from water for 2-3 hours and the basecoat has to be applied within 2-4 hours (not later than 6 hours).



#### TECHNICAL DATA

Color	Transparent
Curing time (h)	2 - 4
Specific weight (gr/cm <sup>3</sup> )	0.98
Application temperature	Between + 5°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/m<sup>2</sup> per coat.

#### SURFACE PREPARATION

- The dehumidified surfaces should be stable, binding, clean and grease-free.
- Maximum moisture content should not exceed 5%. Substrate compressive strength should be at least 25MPa, 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 BOSTIK solvent (for other types of solvent, please consult Bostik Technical Dept.)

## COLORS

Transparent

## PACKAGING

20lt, 5lt and 1lt metal pail

## 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 buckets should be stocked on each other.

- Shelf life is 12 months conditional when complying with the above-mentioned storage conditions.

## HEALTH AND SAFETY

On contact, uncured membrane causes irritation. Gloves and protective goggles must be worn during stirring, application, and use. Avoid contact with skin, eyes and avoid breathing in vapor. If poisoning occurs, contact a doctor or Poisons Information Centre. If swallowed, do not induce vomiting. Give a glass of water. If skin contact occurs, remove contaminated clothing and wash skin thoroughly for a minimum of 15 minutes and see a doctor.

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

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