

Boscoseal Top Coat

POLYURETHANE BASED LIQUID WATERPROOFING TOP COATING MEMBRANE

TECHNICAL DATA SHEET

BENEFITS

- Easy and fast application
- Provides a seamless protective top coating for waterproofing membrane
- Highly resistant to abrasion, water and root penetration
- Unaffected by weather conditions. Provides excellent weather and UV resistance
- UV and color stable
- Provides "easy to clean" surface
- Water vapor permeable
- Very good abrasion resistance and suitable for walkways, pedestrian traffic
- Crack bridging capability up to 2 mm
- Provides excellent thermal resistance over a temperature span of - 30°C to + 90°C
- Resistant to salty water, aqueous solution, diluted bases and acids, aliphatic solvents

PRODUCT DESCRIPTION

Bostik Boscoseal Top Coat is one-component ready to use, highly elastic, cold applied, aliphatic polyurethane top-coating membrane with excellent mechanical and chemical, thermal, UV resistance.

APPLICATIONS

- For long term UV stability of waterproofing membranes.
- For balconies, terraces.
- For pedestrian decks and walkways.
- For car roof decks, helipads.

CONSUMPTION

0.2 kg/m² per coat. Number of coats depends on traffic conditions.

DIRECTIONS OF USE

- After application of base coat (Bostik PU-X) Bostik Boscoseal Top Coat has to be applied within 6-24 hours as a topcoat (not later than 4 days).
- Bostik Boscoseal Top Coat does not require any mixing, simply use directly from bucket after stirring the product using a drill with low speed.
- When the product becomes homogeneous apply the product with a brush or roller.
- For heavy traffic system, 2nd or even 3rd coat is needed. It must be applied within 24 hours.
- As an option, it can also be applied by an airless spray.
- Newly applied surfaces should be protected from water min for 6 hours. The Bostik



Boscoseal Top Coat is slippery when wet or during rain. In order to get an anti-slip

surface dry quartz/silica (full-surface) sand can be sprinkled during curing period of the membrane.

- For the best results, do not apply the Bostik Boscoseal Top Coat over 0.2 mm dry film thickness per layer. Low temperature retards the curing process and high temperature accelerates the curing process.
- Bostik Boscoseal PU-X surface should be completely dry from any water/humidity, when you apply Bostik Boscoseal Top Coat.

TECHNICAL DATA

| | |
|---------------------------------------|--|
| Color | Grey, white, or neutral (available also in other colors upon request) |
| Specific weight (gr/cm ³) | 1.2 |
| Viscosity | 400-600cps |
| Curing time (h) | 6-12 |
| Pot life (h) | Max 1 |
| Application temperature | Between + 5°C and + 35°C |
| Recoat time | 12-24h |
| Resistance of hardened coating | Between -30°C and + 90°C |
| Hardness Shore D | 40 ASTM D2240 |
| Elongation | >300% ASTM D412 |
| Tensile Strength | 40N/mm ² |
| Thermal Resistance (100 days at 80°C) | Passed EOTA TR011 |
| QUV | Passed 2000h ASTM G53 |

*Average laboratory values provided as a general guide

**Actual field performance will depend on installation and site conditions

Typical properties after 7 days cured at 25°C and 50% RH

Conforms to ASTM C836.76, ASTM D412, ASTM D2280
ASTME-96

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
- If applied as a protective varnish, Porous substrates and old coatings should be primed with the Boscoseal Primer 1C and the non-porous or glazed surfaces such as metal, ceramic tiles should be primed with the Boscoseal EpoPrimer 2C before application.

CLEANING

Clean tools and equipment using BOSTIK solvent (for other types of solvent, please consult Bostik Technical Dept.)

COLORS

Neutral, Light Grey, White, any other color based on RAL shades (eg. green RAL 6010) upon request.

PACKAGING

20kg, 5kg and 1kg

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 to complying with the above-mentioned storage conditions.

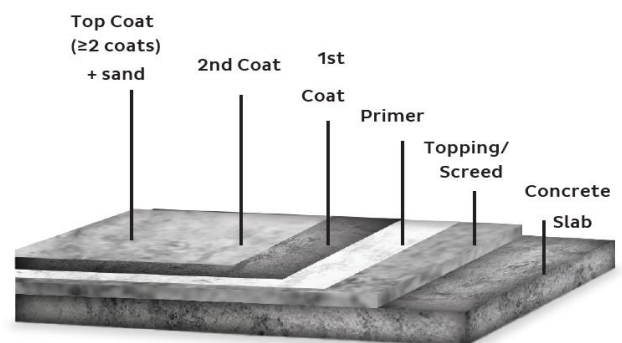
HEALTH AND SAFETY

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.

FOR EXTRA HEAVY TRAFFIC APPLICATION (e.g. Car Park Deck, Ramp, Helipad etc.):

After 2nd coat of **Bostik Boscoseal Top Coat**, broadcast rounded silica/quartz sand (40-100 mesh or depending on desired roughness) into the wet coating at the rate of 1.0–1.75 kg/m² (full-surface application). After a day, suction any excess or loose aggregates via applicable vacuum cleaner. Afterwards, apply additional coat of **Bostik Boscoseal Top Coat** to seal the surface but providing excellent non-skid and tensile strength enhancement. Allow it to cure completely before subjecting the area to foot or vehicular traffic.



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