



Boscoseal WX

WATER BASED MODIFIED POLYURETHANE WATERPROOFING MEMBRANE

TECHNICAL DATA SHEET

BENEFITS

- Easy and fast application
- Provides a seamless waterproofing membrane
- Wet areas (toilets, bathrooms, kitchens as an under tiling membrane) Resistant to abrasion, water and heat & frost
- Unaffected by weather conditions. Provides excellent weather and UV resistance
- Water vapor permeable
- Suitable for old bituminous membranes and asphalt felts
- Crack bridging capability up to 1 mm
- Provides excellent thermal resistance over a temperature span of - 20°C to + 80°C
- 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

PRODUCT DESCRIPTION

Bostik Boscoseal WX is a one-component, ready to use, highly permanent elastic, cold applied water-born polyurethane waterproofing membrane. Boscoseal WX is a primer-less coating with excellent mechanical and chemical, thermal, UV resistance used for the waterproofing of exposed or non-exposed terraces and balconies.

APPLICATIONS

- For waterproofing flat roofs.
- For waterproofing balconies, terraces.
- For waterproofing wet areas (toilets, bathrooms, kitchens as an under-tiling membrane).
- For waterproofing of existing terrace, old bitumen felts, waterproofing coatings, etc.

CONSUMPTION

Approximately 0.5- 0.8 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.

DIRECTIONS OF USE

- Bostik Boscoseal WX does not require any mixing, simply use directly from bucket after stirring thoroughly the product using a drill with low speed.
- When the product becomes homogenous apply the product with a brush or roller.
- Dilute with up to 20% water to apply as primer in porous substrates.
- After priming, the product has to be applied in a short period of time as a



- basecoat.
- If other primer is used, Boscoseal WX must be applied within the recoat time limitations of the used primer.
- Second coat must be applied within 12 hours (not later than 24 hours).
- As an option, it can also be applied by an airless system.
- Wall-Floor connections, pipes, siphons etc... has to be fully reinforced with Bostik Boscoseal Fabric. For this kind of application, apply the 1st coat Boscoseal WX and then embed the Boscoseal Fabric and immediately apply the 2nd coat Boscoseal WX as wet on wet.
- Newly applied surfaces should be protected from water min for 6 hours. The non-cured, fresh Bostik Boscoseal WX is slippery when wet or during rain. In order to get an anti-slip surface dry quartz sand can be sprinkled during curing period of the membrane.
- For the best results, do not apply the Bostik Boscoseal WX over 0.7 mm dry film thickness per layer. Low temperature retards the curing process and high temperature accelerates the curing process.

TECHNICAL DATA

Color	White & Grey
Tensile strength	> 4 N / mm ²
Elongation at break	> 300%
Crack Bridging Capability	Up to 1 mm
Shore "A" Hardness	> 65
Curing time (h)	3-12
Specific weight (gr/cm ³)	1.45 – 1.55
Application temperature	Between +5°C and +35°C
Resistance of hardened coating	Between -20°C and +80°C
Flash point	>50°C

SURFACE PREPARATION

- The dehumidified surfaces should be stable, binding, clean and grease-free.
- Substrate compressive strength should be at least 25MPa, New concrete structures need to dry for at least 28 days.
- The surfaces with bitumen, tar should be cleaned until no residues remain and then primed with the Boscoseal Primer 2C before application.
- Porous and absorbent substrates should be primed with the Boscoseal WX (diluted up to ~ 20 % with clean water) and the non-porous or glazed surfaces such as metal, ceramic tiles, old coatings should be primed with the BoscoSeal Primer 2C before application.
- Concrete slab must be minimum of 4 weeks old.
- Minimum substrate temperature +5°C.
- Maximum substrate temperature +35°C.
- Maximum air humidity 85% r.h.
- Observe dew point temperature.
- For best result, maximum thickness of Boscoseal WX is 0.5 mm dry film thickness per layer.
- Newly applied surfaces should be protected from water minimum of 6 hours.

CLEANING

Boscoseal WX can be cleaned with water before curing.

COLORS

White, grey

PACKAGING

1kg, 5kg, 12kg and 20kg plastic pails

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 application.
- Maximum 3 pails should be stocked on each other.
- Shelf life is maximum 12 months conditional to complying with abovementioned 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.

The present Disclaimer contains general information and suggestions with regard to using in general (including but not limited to adaptation, combination etc.) the products ("the Products") supplied by Bostik Hellas S.A. ("the Company" or "Bostik Hellas") as displayed in the present Technical Data Sheet.

This Technical Data Sheet covers just one of a large range of Products supplied by the Company and is to be carefully read before using any of the Products or part(s) thereof. Use, in part or in whole, of any of the Products constitutes acceptance of the contents hereof.

This Technical Data Sheet supersedes all previous technical data sheets relating to the Products. Please ensure that this is the current version and destroy all previous technical data sheets. If in doubt, contact the Company respectively.

In case of any inconsistency with the terms and directions of use and/or any other disclaimer and/or any other exclusion or limitation of liability of the Company appearing on the Products or the packaging or manuals thereof, the terms of the present Disclaimer shall prevail.

The contents of the present Disclaimer are based on current know how and experience of the Company and the Company undertakes no obligation to update, complete, revise or amend this Disclaimer even in case the information contained herein changes materially or in light of future know-how.

Bostik Hellas has made every possible effort to ensure the validity of information hereby contained, but it shall not by any means be liable for possible inadvertent omission and/or non-completeness of this disclaimer.

Bostik Hellas makes hereby no representations or warranties of any nature whatsoever, oral or written, express or implied, regarding the Products or any other matter, including implied warranties of merchantability, fitness for a particular purpose, non-infringement, suitability, therefore no such requirement shall incur against the Company either on the basis of written information, suggestion or advice provided.

The present does not constitute and may not be considered as any kind of guarantee of the Products and/or their characteristics and/or properties neither forms an agreement on any quality of the Products.

The recommendations contained herein constitute the general context, compliance with which is absolutely connected with the use and application of the Products by the user in accordance with their purpose, including, but not limited to, in terms of keeping and storage under safe and appropriate conditions.

Bostik Hellas, therefore, undertakes no liability with respect to delivery, installation, storage and keeping conditions and it shall not be liable to the Products user or any third persons in relation to any loss for or damage due to misuse; or use which is not in accordance with the instructions for use of the Products in this Technical Data Sheet or on the Products operating manuals or any other instructions issued by the Company and provided to the user at the time of purchase; or improper support of the Products; or interventions or manipulation in the use or application of the Products; or use of other material not supplied by or approved for use by Bostik Hellas; or external causes.

For full information on the Products and/or advice on the use and/or application thereof, contact the Company and its trained personnel and associates. For special technical advice, contact our Technical Services Department.

Bostik Hellas accepts no liability on the purpose of or due to this document.

Buyers and users recognize and accept that the choice of the Products is not related by any means to the present document and they store, use and apply the Products entirely on their own responsibility. This Disclaimer sets out no liability of the Company to such users in respect of any of the Products displayed in this Technical Data Sheet, including any liability for acts or omissions of Bostik Hellas employees, agents, consultants and/or sub-contractors.

The Company shall not be liable to the buyers and users of the Products or any third persons for economic losses, losses of profits or business, depletion of goodwill or otherwise, in each case whether direct, indirect or consequential, or any claims (including in respect of personal injury insofar as such is not caused by the Company's negligence) for consequential compensation whatsoever (howsoever caused) arising out of or in connection with the use of any of the Products to which this Technical Data Sheet refers by their users.

Product orders are accepted and governed by Bostik Hellas sales and delivery current terms and conditions as uploaded in the Company's website. This document was last revised on 01/06/2019

Distribution

Bostik Hellas S.A

3, Metsovou Str, Moschato, 183 46, Pireaus, Greece
T: + 30 210 48 31 140, Fax: + 30 210 48 31 125,
E-mail: info@bostik.com | www.bostik.com/greece

BOSTIK HOTLINE

Technical Support
(+30)801 11 31140

