



Moisture Seal 1K P500

RAPID CURE 1-PART MOISTURE BARRIER

TECHNICAL SHEET 10/04/2025

SMART ADVANTAGES

- One component, Ready to use
- Solvent free formulation
- High adhesive strength
- Strong tightening effect
- Versatile application
- Easy application, brush or roller applied
- Made in Australia

DESCRIPTION

Ultra Moisture Seal 1K is a one-component, moisture-curing polyurethane moisture barrier for concrete and cement-based substrates.

USES

- Concrete floors
- Cement screeds
- Fibre cement sheet
- Cementitious subfloors
- Absorbent and non-absorbent substrates
- Moisture vapor barrier under timber, vinyl, and resilient floor coverings
- Anti-dust treatment for porous and brittle subfloors
- Green concrete slabs up to 95% RH

Suitable for use as a moisture barrier on concrete substrates with residual moisture up to max. 95% RH. Not suitable for substrates with wet surface or in presence of rising damp.

Application of subsequent coatings, adhesives, or primers can proceed after the barrier has cured and dried.



PRODUCT CHARACTERISTICS

Colour	Brown
Appearance	Liquid

PRODUCT PERFORMANCE DATA (at 23°C, 50% RH)

Specific gravity	Approx. 1.2kg/L
Tack free time	30 – 40 min
Walk on time	1 hour
Drying time per coat	40 min – 2 hours
Dry time following trades	Minimum 2 hours Maximum 24 hours
Application temperature	5 – 35°C

USING ULTRA MOISTURE SEAL 1K

Please read and understand the Safety Data Sheet before using this product. SDS can be acquired by visiting www.bostik.com.au.

SURFACE PREPARATION

Ensure the substrate is clean, dry, and free from oil, dirt, or other contaminants before application. Do not apply on wet surfaces or in the presence of rising damp.

APPLICATION

First Coat:

Apply **Bostik Ultra Moisture Seal 1K P500** evenly to the substrate using a brush or roller. The moisture barrier must be applied evenly and puddle-free. The application rate should be approximately 150 - 400 g/m² per coat, depending on substrate porosity.

Allow the first coat to dry until set to light foot traffic (approximately 1-2 hours).

Second Coat (if required):

For more porous substrates or areas requiring additional moisture protection, apply a second coat once the first coat has cured. Ensure the first coat is dry before proceeding with the second application.

Apply the second coat perpendicular to the first coat to ensure uniform coverage.

Allow a waiting time of 40 minutes to 2 hours between coats.

Before applying any smoothing or levelling compound, either broadcast quartz sand evenly over the still-wet primer surface or, if the primer has fully cured, prime the area using Bostik Prime Grip A520 or GRIP A936 XPRESS.

COVERAGE

150 - 400 g/m² per coat depending on substrate porosity

CLEANING

Clean tools and equipment immediately after use with Bostik Handy Wipe or a suitable solvent. Once cured, remove mechanically.

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STORAGE & SHELF LIFE

Store between 5°C and 35°C. If stored, unopened within these temperature ranges, this product has a shelf life of 12 months. Protect from excessive heat, moisture and freeze/thaw.

PRECAUTIONS IN USE

- This is a one-part system. Do not dilute with water or any liquid.
- Must not be installed directly on wet (standing water), contaminated, or friable substrates.
- Any intended application of membrane outside of recommended installation should be referred to Bostik Technical Services for approval.
- Protect contents of pail from excessive heat, and freeze/thaw prior to use.
- Contact Bostik Technical Service prior to commencing work if there is any uncertainty regarding its suitability.

HEALTH & SAFETY

SEE THE SAFETY DATA SHEET FOR ADDITIONAL INFORMATION.

For emergency information contact the Poisons Information Centre, phone 131 126 or the Emergency Response Service, phone 1800 033 111.

PRODUCT CODES

Ultra Moisture Seal 1K P500 (10Kg)

30631808

BOSTIK HOTLINE

1800 BOSTIK (267 845)



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