



# Damp-Proof & Waterproof

## AQUAPRUF

TECHNICAL SHEET NO: TDS00461 16/05/2025

### SMART ADVANTAGES

- Effective damp-proof membrane
- For walls & floors
- Can be applied to damp surfaces

### DESCRIPTION

Bostik Aquapruf Damp-Proof & Waterproof is a flexible, cold applied, odourless, rubber enriched bitumen emulsion for use internally and externally to create a water vapour barrier.

Bostik Aquapruf Damp-Proof & Waterproof provides a highly efficient sandwich damp-proof membrane for floors - Bostik Aquapruf Damp-Proof & Waterproof must be overlaid with a minimum 50mm flooring screed. It also acts as a waterproof for walls when plaster, plaster board or render is applied on top. Bostik Aquapruf Damp-Proof & Waterproof must always be covered as it remains slightly tacky.

Bostik Aquapruf Damp-Proof & Waterproof is also suitable for use as an adhesive for wood blocks, wood mosaic panels, insulation boards, expanded polystyrene & cork slabs, as well as a plaster/render keying treatment.



### TECHNICAL CHARACTERISTICS

<b>Colour</b>	Dark brown, dries black
<b>Form</b>	Structured liquid
<b>Specific gravity</b>	1.0 approx.
<b>Composition</b>	Bitumen and rubber latex aqueous dispersion
<b>Application temperature</b>	+5°C to +30°C
<b>Viscosity</b>	4000 to 9000 MPas
<b>Drying time</b>	Approx. 24 hours per coat, however, product always remains slightly tacky (depending on coating thickness, ambient temperature and humidity)

### COVERAGE

- Floors approx. 1.25m<sup>2</sup> per litre, per coat
- Walls approx. 2m<sup>2</sup> per litre, per coat  
(depending on substrate, application technique and performance requirements)

## APPLICATION

**IMPORTANT:** Before using Bostik Aquaprufe Damp-Proof & Waterproof, refer to the relevant Health & Safety Data Sheet, available at [www.bostik.com/uk](http://www.bostik.com/uk).

## PREPARATION

- Ensure the substrate is structurally sound, clean and free from dust, dirt, oil, grease, loose material, rust, paint and other surface contaminants which may hinder adhesion.
- Remove any organic growth i.e., moss or lichen with Bostik Fungicidal Wash and allow to dry.
- Uneven surfaces are not suitable for this application due to the difficulty in coating uneven areas.

## APPLICATION

- Stir well before use.
- Bostik Aquaprufe Damp-Proof & Waterproof should be applied to slightly damp, not wet surfaces. If necessary, lightly dampen the surface with clean water. Do not apply outdoors when raining, or if there is risk of rain, frost, fog, or dew before Bostik Aquaprufe Damp-Proof & Waterproof has dried.
- Stir thoroughly before use. Do not thin or dilute.
- Apply with a brush. Where possible, we recommend using disposable brushes for the application of Bostik Aquaprufe Damp-Proof & Waterproof. Dampening the brush may help to apply to difficult surfaces.

### Damp-proofing floors:

- When used on floors, Bostik Aquaprufe Damp-Proof & Waterproof must always be applied onto sound concrete slabs and overlaid with a minimum 50mm sand/cement or concrete screed.
- A minimum of two coats are required. Apply each coat by brush at 0.8 litres per m<sup>2</sup>, continuing the treatment up the walls to join the existing damp-proof course. Allow the first coat to dry and apply the second coat at a right angle to the first. Once the second coat is dry, lay a sand/cement or concrete screed of at least 50mm thickness over the Bostik Aquaprufe Damp-Proof & Waterproof membrane. Without the 50mm screed the product will not perform as a DMP.

### Waterproofing walls:

- Treat rising damp with the insertion, or repair of a damp proof course. Where dampness is due to penetration of the wall, it is recommended that the external face of wall is treated as below. If the internal face of the wall requires treating, ensure hydrostatic pressure will not occur by constructing a retaining wall.

### External walls:

- Do not apply when rain is imminent.
- Level uneven surfaces, including brickwork, with cement mortar. Lightly dampen the surface with clean water. Apply 3 coats of Bostik Aquaprufe Damp-Proof & Waterproof with a soft bristled brush, each at a coverage rate of 0.5 litres per m<sup>2</sup>, allowing each coat to dry before applying the next. Where possible, ensure Bostik Aquaprufe Damp-Proof & Waterproof is keyed to the existing damp-proof course.
- For above ground structures, after the final coat of Bostik Aquaprufe Damp-Proof & Waterproof has cured, secure

an expanded metal lathing before applying the render. If the wall is below ground level, protect the dried Bostik Aquaprufe Damp-Proof & Waterproof with fibreboard before back filling with soil.

- Protect freshly applied product from rain and frost until cured.

### Internal walls (moderately damp):

- Remove wallpaper, loose emulsion or gloss paint and any dust or grease from the surface. Make good any damaged or perished plaster. Dampen the prepared surface with clean water and apply 3 coats of Bostik Aquaprufe Damp-Proof & Waterproof with a soft bristled brush. Apply each coat at a rate of 0.5 litres per m<sup>2</sup>, allowing each to dry before applying the next. At the top of the wall leave a horizontal strip (approx. 300mm in depth) uncoated to allow trapped moisture to escape by evaporation.
- Blind the final coat of Bostik Aquaprufe Damp-Proof & Waterproof with clean, sharp sand to give a mechanical key prior to plastering. Do not leave Bostik Aquaprufe Damp-Proof & Waterproof exposed. Plaster with a lightweight gypsum plaster, or affix plasterboard using dabs of plaster. The use of cement containing render materials or renovating plaster is not recommended. Do not screw or fix plasterboard, as this will pierce the Bostik Aquaprufe Damp-Proof & Waterproof.

### Decorating:

- Once the plaster has dried, emulsion paint can be applied. Gloss paints and other oil or alkyd-based materials must not be used over a surface treated with Bostik Aquaprufe Damp-Proof & Waterproof. Wait 6 months before applying wallpaper.
- Emulsion paints: Where Bostik Aquaprufe Damp-Proof & Waterproof has been used over plaster, it is recommended that a lining paper is applied, providing a suitable surface for emulsion paints.
- Wallpaper: Prior to hanging wallpaper, apply a lining paper. It is not recommended that either vinyl coated paper or paper-backed vinyl are used over Bostik Aquaprufe Damp-Proof & Waterproof.

### Interior wall (very damp):

- Where possible, very damp walls should receive external treatment. If this is not possible, the following procedure may be of benefit. However, only adequate external treatment will cure the most severe conditions. Old plaster must be hacked away to the brickwork and damaged joints, or brickwork repaired with cement mortar for an even surface. When the mortar has set, apply 3 coats of Bostik Aquaprufe Damp-Proof & Waterproof, each at the rate of 0.5 litres per m<sup>2</sup>, allowing complete drying between coats. Re-plastering is recommended when the final coat has thoroughly dried, as with 'interior walls (moderately damp)'.
- In basement constructions, or severe damp situations, it is recommended that an inner wall is constructed and the space between the Bostik Aquaprufe Damp-Proof & Waterproof and the inner skin is backfilled during the construction with a sand/cement mortar. This will effectively create a sandwich DPM.

#### Adhesive:

- **Wood blocks:** To fit new wood blocks of 12mm thickness and above it is recommended that the bottom face of each block is dipped into Bostik Aquaprufe Damp-Proofing & Waterproofing and placed into position immediately. Coverage is approximately 1.1 litres per m<sup>2</sup>.
- **Wood mosaic flooring and reconditioned woodblocks:** To fix wood mosaic panels or reconditioned wood blocks, spread Bostik Aquaprufe Damp-Proofing & Waterproofing on the surface at 0.8 litres per m<sup>2</sup>. On porous surfaces, place the panels into position immediately. On non-porous, or low porosity surfaces, allow the Bostik Aquaprufe Damp-Proofing & Waterproofing film to partially dry before fixing the wood mosaic panels. Do not allow Bostik Aquaprufe Damp-Proofing & Waterproofing to dry completely, a drying time of 30 to 40 minutes will normally be sufficient. Leave for a minimum of 48 hours before sanding.
- Where under floor heating is used, keep heating off for at least 48 hours before and 48 hours after initial laying is complete.
- **NOTE:** Under no circumstances lay the above floor coverings over existing floor coverings.

#### Keying treatment:

- Where a keyed surface requires plastering, such as glazed tiles, gloss painted walls and bricks or for bonding sand/cement renders, apply two coats of Bostik Aquaprufe Damp-Proofing & Waterproofing, each at a minimum rate of 0.25 litres per m<sup>2</sup>. Allow the first coat to dry and blind the second coat while wet with clean, dry, sharp sand. Leave to dry for at least 48 hours before plastering with a minimum total thickness of at least 6mm.
- **NOTE:** If gloss or other alkyd-based paints are to be used as a decorative finish, use two coats of plaster at a minimum thickness of 15mm over Bostik Aquaprufe Damp-Proofing & Waterproofing.

#### Fixing insulation board, expanded polystyrene and cork slabs:

- Ensure surfaces are level/flat and free from contaminants. Apply one coat of Bostik Aquaprufe Damp-Proofing & Waterproofing to the porous base at a rate of 0.4 to 0.6 litres per m<sup>2</sup>. Fix the insulation material while Bostik Aquaprufe Damp-Proofing & Waterproofing is still wet. Where required, support the insulation boards until Bostik Aquaprufe Damp-Proofing & Waterproofing has set.
- **NOTE:** This method is not suitable for non-porous substrates.

#### CLEANING

- Clean tools and equipment with warm, soapy water immediately after use. Dried product may be removed with white spirit.

#### STORAGE

- Store and transport securely in an upright position. Ensure the lid is secure. Store for up to 24 months from date of manufacture in original, unopened packaging in cool, dry conditions within the temperature range +5°C to +25°C, out of direct sunlight and away from sources of heat and ignition. Protect from frost.

#### PRECAUTIONS IN USE

This product remains slightly tacky, do not leave exposed. Cover with flooring screed or plaster/plasterboard as described above. Do not apply solvent based products onto Bostik Aquaprufe Damp-Proofing & Waterproofing.

For any application not covered, please contact Technical Services on +44 (0)1785 272625 or visit [www.bostik.com/uk](http://www.bostik.com/uk) for advice.

Recommendations and suggestions are for guidance only, since conditions of use are completely beyond our control.

For health and safety instruction, first aid measures and spillage and disposal instructions, see separate Health and Safety Data sheet for Bostik Aquaprufe Damp-Proofing & Waterproofing, available at [www.bostik.com/uk](http://www.bostik.com/uk).

#### PACKAGING

Product codes	30812207	5L can x 4
	30812208	25L drum

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