FLOOR+

HydroGuard Primer

One-Part Moisture Vapour Barrier and Primer

Description

A single component moisture barrier and primer designed to quickly bring cement-based substrates ready for floor covering installations. Suitable for interior and exterior use on concrete and cement-based substrates and for humidity levels up to 98% RH (two coats) and 6% CM.

Product Properties

- Drum Size: 10KG
- Drying Time:
  - 15 - 30 Minutes (per coat)
  - 30 - 60 Minutes (two coats)
- Application Process
  - First Coat (diluted 1:1)
  - Second Coat (undiluted)
- Coverage:
  - ≈ 40m2 (per drum)
  - ≈ 250g/m2 (two coats)
- Storage Time:
  - 12 Months

Suitable Usage Areas

For damp-proofing concrete, cement, screed, self-levelling and smoothing compounds, and related substrates. The substrates need to be moisture-resistant, non-heated and moisture content values are up to 6% CM, or for insulating residual moisture where relative humidity values are up to 98% (ASTM F2170). Not suitable over magnesite, anhydrite, gypsum, sulphate substrates or substrates subject to rising damp.

Substrate Preparation

The subfloor should be thoroughly cleaned and free from any loosely bonded substance. It should be dried, vacuumed and completely free from curing compounds, solvent based markers or paint, oil, grease, and wax that would block absorption into the substrate.

Test the substrate in accordance with applicable standards relative to moisture content. Any weakly bonded material such as adhesive residues, levelling compounds, floor coverings or coatings must be removed by shot blasting, abrading, grinding or scraping.

Application Recommendation

Ensure the container is at room temperature before application and stir the container well before applying. Optimal working conditions are between 15 - 25 °C and relative air humidity below 65%. Low temperature and higher humidity will lengthen drying times and high temperature and low humidity will shorten drying times.

Apply the primer with a velour or foam roller, without letting the substance pool. HydroGuard must be applied with two layers. Apply the primer evenly to fully cover the surface using cross-strokes. The first coat should be diluted 1:1 with water and allowed to dry (approximately 15 - 30 minutes). Once the first coat is dry, apply the second coat perpendicular (in opposite direction) to the 1st coat.

The self levelling compound can be applied once the HydroGuard Primer is completely dry and within 12 hours. The drying time depends on the absorbency of the substrate, temperature and relative air humidity.

Storage

Shelf life minimum 12 months in original packaging when stored in cool and controlled environments. Carefully and tightly reseal opened containers and use the contents as quickly as possible. Do not dispose in drains, sewers or ground. Allow to harden and dispose as construction waste.

Conditions may vary from site to site and it is your responsibility to confirm the best application procedure and suitability. For technical support please contact your dealer or us via email at orders@floorplus.com.au. For commercial, larger-scale, or multi-residential projects, we can provide technical site-inspections and recommendations.