FLOOR+

PO280 Moisture Barrier

Rapid-Drying 1-Part Moisture Vapour Barrier

Description

Ready-to-use pure polyurethane resin developed for subfloors that need a moisture barrier for floor covering installation. Suitable for indoor and outdoor use and can be used as a moisture vapour retarder for concrete and cement-based subfloors with up to 6% CM.

Product Properties

- Drum Size: 10KG
- Drying Time (per coat):
  - Absorbent surfaces: 40 - 90 min
  - Non-porous surfaces: 60 - 150 min
- Single Coat Coverage (92% RH)
  - 100 - 150g/m2
  - Per Drum: 66 - 100m2
- Double Coat Coverage (98% RH)
  - 250 - 350g/m2
  - Per Drum: 30 - 40m2
- Solvent free and sssists in increasing substrate strength.

Suitable Usage Areas

- Concrete, cement, screed, ceramic, terrazo, stone, subfloors
- Self-levelling and smoothing compounds
- Surfaces with well-bonded and waterproof adhesives

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

- Stir the container well before using. Apply the primer with a primer roller (velour or foam roller), without letting the substance pool.
- If used as a moisture barrier, PO280 must be applied in two layers using a criss-cross method. Each layer must form a thin closed film. The direct bonding work should be completed after PO280 has dried and within a 72-hour period.
- If applying self-levelling compound, our HP Primer for non-porous substrates needs to be applied to the surface prior to the application of any self-levelling compound.

Storage

Product shelf life maximum 18 months in sealed, unopened pails if stored between +5°C - 30°C. Frost-resistant down to -25°C.

The product should be protected from direct sunlight and cold during transportation, storage and application. Application temperature should not be lower than 5°C.

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.