

TECHNO MOISTURE VAPOUR BARRIER (MVB)

PRODUCT DESCRIPTION

Techno Epoxy MVB is a 100% solids, two-component epoxy primer formulated to control moisture vapour emission rates (MVER) from concrete substrates. Designed for use beneath flooring systems or other flooring finishes, it is ideal for managing moisture issues in new or existing slabs.

With exceptional adhesion, even to damp concrete, and compatibility across a wide range of substrates and overlays, Surtec Epoxy MVB serves as a seamless moisture mitigation system for residential, commercial, and industrial floors.

KEY BENEFITS

- ✓ Controls MVER up to 25 lbs (ASTM F1869) and RH up to 99% (ASTM F2170)
- ✓ Single-coat application (high-build)
- ✓ Compatible with timber, vinyl, VCT, tile, carpet & epoxy systems
- ✓ Excellent adhesion on damp concrete, wood, metal, and non-glazed tile
- ✓ Fast tack-free time (3–5 hours at 20 °C)
- ✓ Low VOC / low odour – safe for occupied areas
- ✓ Waterproofs and seals the concrete prior to the floor finishes
- ✓ Anti-bacterial formulation
- ✓ Excellent abrasion and impact resistance
- ✓ Qualifies for Green Star / LEED
- ✓ Easy to maintain and clean

COMPATIBLE PRODUCTS & SURFACES

- Over Concrete Surfaces
- New Construction
- High/Thin Build Systems
- Mortars
- Carpet
- Wood Floors
- Terrazzo
- Cementitious Overlays
- Vinyl Sheets
- Tiles (Ceramic, Porcelain & Stone)
- Vinyl Tile (VCT)
- Polymeric Flooring
- Seamless Moisture Mitigation
- Industrial, Healthcare, Commercial, Government, Institutional, and Residential

TECHNICAL INFORMATION

Mix Ratio (A + B)	2:1 by Weight
Colour	Clear
Finish	High Gloss
Viscosity (mixed)	~1,200 cP
Working Time	25–30 mins @ 20 °C
Tack-Free Time	3–5 hrs @ 20 °C
Light Foot Traffic	6–12 hrs @ 20 °C
Heavy Traffic	24–36 hrs @ 20 °C
Full Cure	5–7 days
Coverage	1 kg covers approx. 6–15 SQM
	15kg kit covers approx. 90-225 SQM
Packaging	6KG kit (4kg A / 2kg B)
Storage	12 months (cool, dry location)

COMPLIANCE WITH NZBC AND STANDARDS

- ✓ NZBC Clause E3 (Internal Moisture): Protects floor finishes from rising damp.
- ✓ NZBC Clause B2 (Durability): Provides long-lasting underlayment.
- ✓ Compatible with BRANZ flooring prep guidelines.
- ✓ Suitable for AS/NZS 2455.1 (Carpet) and AS/NZS 1884 (Resilient Flooring).

DISCLAIMER:

This product is a moisture vapour barrier and is not classified as a waterproof membrane. It does not meet E3 of the NZ Building Code or AS/NZS 4858. It must not be used in wet areas or where waterproofing is required. Surtec accepts no responsibility for damage or non-compliance from misuse. Use only BRANZ-appraised Technokolla membranes for waterproofing applications.

This product has passed compatibility testing and is part of the Techno range for tiling and flooring solutions, fully compatible with the Technokolla Waterproofing & Tiling System.

Surtec. Trusted Flooring Solutions for Every Surface.

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