



DPC DAMP PROOF COATING

SINGLE PART WATER BASED LIQUID APPLIED MEMBRANE FOR
WATERPROOFING AND VAPOUR BARRIER

USES

- **Floor** Under / above screeds to provide a damp proof membrane
- **Basements** As part of a waterproofing system beneath ground level
- **Walls** Under render or plaster as water and vapour barrier or air-conditioner duct.
- **Tiling** Protection under tiles in wet areas.
- **Toilet** Withstand soaking and movement.
- **Roof** Base Coat before Top Coat.
- **Silage Storage** Protect concrete from silage attack
- **Vapour Barrier** Prevent Vapour transmission.

FEATURES

- Non-toxic, non-hazardous, solvent and plasticizer free
- Quick drying (touch dry in 1 hour). Dry to form a tough semi-gloss finish.
- Good bonding to various substrates
- High toughness, flexibility, extensibility and good crack bridging properties
- Non-staining. Resistant to alkali and silage acids.
- Can be applied to damp backgrounds.

APPLICATION METHODS

- The background surface should be smooth or have light even texture. Existing surface defects must be made good before coating.
- The surface must be clean, sound and free of dust, loose material or free surface water.
- The clean surface shall be primed by mixing **DPC and water at a ratio of 1 : 1**. Allow it to dry before 1st & 2nd or 3rd coat of **DPC**.



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TECHNICAL DATA

- Touch-dry : 1 hour
- Coverage : 0.4 to 0.7 kg /m²
- Color : Black/White
- Elongation : 780%

TÜV SÜD PSB Test Report No. 719174977-MEC10-ED dated 18 Aug 2010.

Test	Unit	'DPC'	HDB Specification: Flexible Non-Cementitious Waterproof Membrane (Water-Based) For New Construction & Ceiling Leakage Repair
Material Identification /Verification by FTIR	-	SBR-Based material	Polymer which undergoes hydrosis should not be used
Volatile Content, average	%	32.9	< 50
Water Penetration, average	mm	0, no water penetration	Depth of penetration should be 0
Adhesion to substrate, average	N/mm ²	1.4	≥ 0.2
– Before ageing		1.2	≥ 0.2
– After immersion in water for 7 hours			
Crack Bridging	-	No cracks	No cracking at 2 mm width
– 2 mm		No cracks	No cracks after 10 cycles of stretching and closing to a width of 1 mm
– 1 mm			
Hardness (Shore A)	-	52	≥ 30
Set to touch (based on one coat)	mins	30	Should touch dry within 60



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REMARKS

- Avoid direct exposure to UV or excessive heat.
- Water Ponding test should be carried out at least 4 days after all coats had been applied. Under unfavorable drying conditions, this may need to be extended.
- Do not apply the **DPC** membrane when there is a high chance of rain.

PACKING

5 kg-pail 20 kg-pail.

Disclaimer:

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