



DPC DAMP PROOF COATING

Liquid Applied Elastic Membrane

USES

- **Toilet** Waterproofing membrane that withstand soaking and movement.
- **Tiling** under tiles waterproofing.
- **Roof** Base Coat before Top Coat.
- **Window** a damp proof coating before installing the frame.
- **Basements** Ground level as waterproofing and vapour barrier
- **Silage Storage** Protect concrete from silage attack

FEATURES

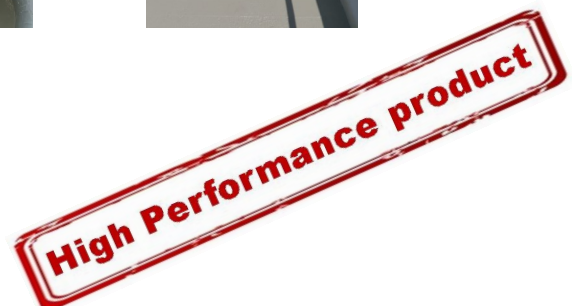
- Single pack, water based, non-toxic, non-hazardous, solvent and plasticizer free.
- Quick drying (touch dry in 1 hour). Dry to form a tough semi-gloss finish.
- Good bonding to various substrates subject to thermal movement, withstand soaking.
- High toughness, flexibility, extensibility and good crack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

APPLICATION METHODS

- 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 2nd or 3rd coat of **DPC**.



3 coats on the roof deck
Cured into non tacky membrane



PACKING

5 kg-pail 20 kg-pail.



CERT NO.: XX-XXXX
ISO 14001:2004

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REMARKS

1. Avoid direct exposure to UV or excessive heat.
2. 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.
3. Do not apply the **DPC** membrane when there is a high chance of rain.

TECHNICAL DATA

- Touch-dry : 20 minutes to 1 hour depending on surrounding condition.
- Color : Black, Clear, White, Cement Tone.
- Elongation : 600 %
- Coverage : Metal Surface: **50– 60 m² / 20 kg-pail** (2 layers with thickness 0.4- 0.5 mm).
0.4 kg/m²
Concrete Surface: **28– 35 m² / 20 kg-pail** (2 layers with thickness 0.7- 0.8 mm).
0.7 kg/m²

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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