



BINA FLEXSEAL 2000

FLEXIBLE CEMENTITIOUS WATERPROOFING SLURRY

DESCRIPTION

BINA FLEXSEAL 2000 is a two component flexible polymeric cementitious waterproofing coating system speciously designed to seal off micro-porous capillaries in concrete structures. This provides a breathable membrane, which allows water vapour transmission but is impermeable to water because it has good substrate adhesion. Cement sand screeding panels can be laid over as protective slab at roof slab or concrete pavements.

APPLICATIONS

Used as a waterproofing for:

- Basements, R.C gutters and roofs
- Wall renderings
- Reservoirs
- Swimming pools
- Concrete tanks
- Tunnels
- Floor and foundation slabs
- Toilets

ADVANTAGES

- Economical
- Flexible
- Non toxic
- Hard wearing
- Inorganic
- Unaffected by UV
- No joint and seamless
- Easy handling and apply
- Protects concrete from deterioration, oxidation, efflorescence, corrosion and spalling
- Environmental friendly
- Excellent adhesion

METHOD OF APPLICATION

- All concrete substrates must be sound, clean, free of dirt, dust, grease, oil, wax, laitance and etc.
- For crack and porous substrate, repair with BINA N.S. Grout.
- Presoak surface with water and allow no ponding while applying.
- Apply SBR latex as a primer coat before the actual application.
- Add BINA FLEXSEAL 2000 part A and part B gradually with a power stirrer until homogeneous and lump free slurry is obtained. DO NOT add water or any other ingredients.
- Apply 1st coat of 1 kg/m² with a bristle brush, rubbing it heavily.
- Allow first coat to dry, usually eight hour then repeat the operation for second coat of 1 kg/m². The layers should be applied in cross direction and each other.
- Always apply BINA FLEXSEAL 2000 the positive such of the structure in where hydrostatic pressure.

PRODUCT DATA
WATERPROOFING
Bina Flexseal 2000

TECHNICAL SPECIFICATIONS

No. of Components	Two
Mixing Ratio	1 part A (20kg) : 1 part B (10 kg)
Pot Life (28°C)	60 mins
Compressive Strength	2 days - 9 N/mm ² 28 days - 35 N/mm ²
Tensile Strength (ASTM C-190)	72 hours - 1.89 N/mm ² 28 days - 3.65 N/mm ²
Flexural Strength (ASTM C-580)	7 days - 3.30 N/mm ²
Permeability (CRD -C 48 - 55) 7 days	1.9 x 10 ⁻⁸ cm/sec (2 coats)
Hardness (Shore A)	
Soak 72 hrs. with water	80
Soak 72 hrs. with NH ₂ OH	75
Soak 72 hrs. with Ca(OH) ₂	80
Bonding (STME-149)	28 days pull out test 3.2 (C)



®

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STRUCTURAL REPAIR • SPORTS & RECREATIONS

CERTIFIED TO ISO 9001 : 2000
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