



BINASEAL 1000

CEMENTITIOUS WATERPROOFING SLURRY

DESCRIPTION

BINASEAL 1000 is formulated using synthetic resins dispersed with other polymeric micro compound to penetrate into micro capillaries in concrete. It can also be used as a surface thin layer repair mortar for concrete honeycomb.

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
- Non toxic
- Hard wearing
- Inorganic
- Unaffected by U.V
- Non-tainting
- Environmental friendly
- Easy handling and apply
- Protects concrete from deterioration, oxidation, efflorescence, corrosion and spalling

METHOD OF APPLICATION

- Mix part A & B in clear container with power stirrer until a homogeneous blend is achieved.
- Presoak surface with water and allow no ponding while applying.
- Apply BINASEAL 1000 with 10-20% water as primer by brush and before it fully dries, apply 2 kg/m² of BINASEAL 1000 @ 2 coats (3 coats for reservoirs and water tanks) with a bristle brush or broom.
- The application shall be done in a criss-cross pattern between coats.
- Over coating is performed after each coat is dried for approx. 24 hours.
- The finished coating must be thick enough to withstand the expected water pressure.
- Application is not possible below temperature of 5°C and on frozen surfaces.
- The waterproofed area must be allowed to be cure for 36 hours before backfilling or applying any foreign coatings.

TECHNICAL SPECIFICATIONS

No. of Components	Two	
Mixing Ratio	1 part A (20kg) : 1 part B (5 kg)	
Pot Life (28°C)	60mins	
Drying Time (20°C) days	Initial	3 hours
	Final set	4 hours
Strength (STME-149)	Compressive	Bending
	2 days	9 N/mm ² 5 N/mm ²
	28 days	52 N/mm ² 23 N/mm ²
Tensile Strength (ASTM C-190)		
28 days cured	334 psi at 100% R.H	
Flexural Strength (ASTM C-190)		
7 days	470 psi	
Permeability		
(ARMY C.E)	7 days	2.7 x 10 ⁻⁸ cm/sec (2 coats)
(CRD –C 48 – 55)	7 days	1.9 x 10 ⁻⁸ cm/sec (3 coats)



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