FINEST INNOVATION AND EXPERTISE

FINEX PLATINUM FLEX

FLEXIBLE,CEMENTITIOUS,TWO COMPONENT WATERPROOFING SLURRY

DESCRIPTION

Finex Platinum Flex is a flexible waterproofing system,consisting of a liquid polymer as Part A and a cementitious powder as Part B.
Mixture of the Part A and Part B gives a brushable,smooth slurry with excellent bond to most substrates.

RECOMMENDED TO USE

- Waterproofing coating to the internal faces of water tanks, sumps, reservoirs, planter boxes, etc., before tiling or other surface finishing
- Treating terraces, balconies, kitchen and toilet floors as a sandwich treatment, to prevent water ingress
- Treating bridge and flyover decks before wearing course to protect concrete from rainwater ingress

FEATURES AND BENEFITS

- Flexible (can stand moderate movements of hairline cracks with crack bridging up to 0.3mm crack width)
- Improved bond strength on a variety of substrates
- Permeable to water vapour
- Suitable for use in exposed conditions
- Brushable consistency
- Can be applied on surfaces in contact with water

PROPERTIES

Supply form	Liquid (Part A) Powder (Part B)
Colour	Milky White (Part A) Cement Grey (Part B)
Pot life	20 - 30 minutes
Water permeability (BS EN 14891)	Impermeable
Adhesion Strength (BS EN 1542)	0.56 N/mm^2
Modulus of Elasticity (ASTM C 469-2)	496 MPa
Compressive Strength (BS EN 196-1)	
3days	2.4N/mm^2
28days	4.9N/mm^2
Flexural Strength (BS EN 196-1)	
3days	1.7N/mm^2
28days	2.2N/mm^2
Tensile Strength (ASTM D412-15)	1.3N/mm^2
Elongation at break (ASTM D412-15)	35%

ESTIMATING DATA

Mixing proportion
Part A : Part B = 1.0 : 2.6

Minimum recommended coverage
2.0 to 3.0 kg for two coats per m^2 at 1.0 to 1.5 thickness

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The actual coverage depends upon the method of application, the texture and porosity of the substrate.

APPLICATION

Surface Preparation

01. The substrate should be properly prepared and should be free from contamination, laitance and loose material.
02. Fill surface irregularities with a repair mortar to achieve a level surface.
03. Dampen the substrate with clean water before applying Finex Platinum Flex.

Mixing

04. Finex Platinum Flex should be mixed preferably using a slow speed (600rpm), heavy duty electric drill with a helical paddle.
05. Place approximately 75% of Part A in a pail and add Part B, keeping the mixer running about 3 minutes.
06. Add the remaining 25% of Part A, Continuing mixing about 2 more minutes till get the required consistency for applying on a horizontal surface.
07. If applying on a vertical surface, Part A can be added < 25% of the remaining.

Application Method

08. Apply the first coat of Finex Platinum Flex evenly with a stiff brush on the substrate.
09. Apply the second coat at right angles to the first coated direction after 24 hours curing period.

CLEANING

10. Clean tools and equipment with water immediately after use.

CURING

11. Curing is essential to prevent rapid drying caused by high temperatures and wind.
12. Curing can be done by wet burlap, curing compounds or covering with polythene sheets

GENERAL GUIDELINES

13. Slow drying of Finex Platinum Flex membrane ensures homogenous curing and high waterproofing characteristics.
14. Use only mix of complete pack.

PACKAGING

36.0kg set (10.0kg Part A and26.0kg Part B)
7.2kg set (2.0kg Part A and 5.2kg Part B)

Part A is in a plastic container and Part B is in a multi-ply paper sack.

STORAGE / SHELF LIFE

Finex Platinum Flex set can be kept for 12 months from the date of manufacture if stored in tightly sealed original packaging, in dry and cool enclosed area.

PRECAUTIONS

Please obtain the Material Safety Data Sheet (MSDS) of the product from the Finex head office in order to get health and safety information.

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