SHEZ FLEX

Two Part Acrylic Modified Cementitious Waterproofing

DESCRIPTION

Shez Flex is a flexible 2-part acrylic modified cementitious waterproofing system. The 2 components of **Shez Flex** react chemically after mixing to form a hard and elastic film which bonds tenaciously to most concrete or masonry substrates to protect against ingress of water.

The application of **Shez Flex** requires the surfaces to be saturated or wetted down prior to its application. This makes **Shez Flex** a practical and ideal product for waterproofing in wet areas and external areas. In external areas, application of **Shez Flex** is not affected by change in weather conditions.

Shez Flex can receive direct plaster or screed without affecting bond. Marble and tiles can be fixed directly onto **Shez Flex** with a suitable adhesive such as Shez Tilebond.

Shez Flex can be used as a repair material for bridging hairline cracks in substrate or cracks due to shrinkage.

AREAS OF APPLICATION

- Water tanks
- Swimming Pools/ Ponds
- Bathrooms
- Roof Top/Balcony
- Flower Troughs

Test / Unit	Results
Tensile properties (After 14 days)	
- Tensile Strength, MPa	**1.59**
- Elongation at break, %	**50%**
Set to touch time (minutes)	**25**
Resistance to Water Penetration (After 7 days)	**No water seepage (24 hours ponding)**

SHEZ (PVT) LTD
No. 19A Arthur's Place, Colombo - 04
Tel : 0716747474
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PACKING
5kg set
10kg set
29kg set

COVERAGE
5kg set - approx. 2.7 m2 to 3.4 m2
10kg set - approx. 5.5 m2 to 6.9 m2
29kg set - approx. 16 m2 to 20 m2

CLEANING
All tools and equipment should be cleaned immediately with clean water after use. Hardened material can only be removed mechanically.

SURFACE PREPARATION
Clean the substrate of any protrusions or substances that the may damage the membrane. Ensure all surfaces are free from dirt, grease oil, wax, curing compounds and any other loose contaminating materials.

Fill all voids, cracks, edges and angle with suitable repair material, so that the prepared surface is sound. At intersection of vertical & horizontal sections, a cement/sand fillet to be laid at 45° angle.

MIXING AN APPLICATION
Pour **Shez Flex** liquid into a clean mixing container. Add the **Shez Flex** powder gradually while mixing until a lump-free plastic consistency is achieved.
NO ADDITION OF WATER IS ALLOWED.

Prewet the surface with clean water. Do not allow pooling or ponding. Apply the mixed material onto the prepared surface using a brush, squeegee or roller in a stiffling action. Apply 2 coats.

When a 2nd coat is applied, the 1st coat must be left dry tacky approximately 2-3 hours depending on the thickness, substrate porosity and the temperature. If over coating is done more than 24 hours after applying the previous coat, or the previous coat has already dried out, the surface must be prewetted again.
Shez Flex must be protected by rendering or screeding.

SHELF FILE
Shelf Life of up to 12 months in un opened pack and stored in a cool dry elevated position.

HEALTH AND SAFETY
As with all construction chemicals products care should always be exercised. Protective clothing such as gloves and goggles shall be worn. Treat any splashes to the skin or eyes with fresh water immediately. Should any of the products be accidentally swallowed, do not induce vomiting, but call for medical assistance immediately.

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