

Flexible cement based acrylic waterproof coating

PRODUCT

weber dry 116 FX is a cement based two component polymer modified waterproofing slurry, available in grey and white. It is applied to concrete and mortar structures to prevent water infiltration.

weberdry 116 FX must be used on damp cement based substrate and this waterproof membrane can be used under interior and exterior ceramic tiles.

SCOPE OF USE

weberdry 116 FX Grey / White is used for external and internal waterproofing, crack sealing, repair work in the following structures:

- Facades : As a damp-proof coating, followed by approved protective covering
- Bathrooms commercial & residential
- Roofs and foundations (weberdry 116 FX (white) can be used for roof waterproofing applications, followed by protective covering)
- Kitchens - Commercial & Residential
- Steam rooms, showers
- Laundry rooms
- Swimming pools

It is used as well , as a backing to marble, granite stones against water absorption.

Protection and waterproofing of concrete surfaces and facades.

ADVANTAGES

- Waterproof, flexible, crack bridging
- Approved for use in contact with potable water
- Outstanding adhesion to concrete and masonry

CHARACTERISTICS

Color	Grey or white
Mix Density (A+B)	1.5 ± 0.05 (fresh mortar)
Pull off Strength (BS 1881 Part 207)@28 days	> 0.5N/mm ²
Crack bridging Ability 2mm without mesh (ASTM C 836)	no sign of crack,loss of adhesion or any other types of failure was observed.
Resistance to positive water-pressure at 5 bar (DIN 1048)	NIL
Presence of water leakage on the surface of sample during test after 28 days (BS EN 12390 Part 8:2000)	NIL

All tests were carried out @ temp 23 ± 2°C and relative humidity of 50 ± 55%



PACKAGING

Leb	Syria	Jordan	UAE	Qatar	Kuwait	KSA	Oman
-	-	-	18 kg	-	-	-	18 kg

powder (A) 13.33 kg + 4.67 kg liquid (B)= 18 kg

Resistance to fire as per BS EN 998-1	Class A
Flame Spread Index (FSI) as per ASTM E 84	10
Smoke Development Index (SDI) as per ASTM E 84	20

INSTRUCTIONS FOR USE

SURFACE PREPARATION

The substrate to be treated must be perfectly sound, clean, free from grease, oil, dust and any friable matters. Soak the surface with water, removing any excess so that the substrate is saturated but the surface is dry.

PRODUCT PREPARATION

Pour component B (liquid) into a suitable clean container, then slowly add component A (powder) while stirring with a mechanical mixer. Mix until the product is perfectly smooth and homogeneous using a low speed mechanical stirrer in order to avoid any excessive incorporation of air.

PRODUCT APPLICATION

The paste can be applied with a brush, roller or trowel. For a trowable consistency reduce the amount of component B (liquid) used. Apply first layer of **weberdry 116 FX** with

sufficient thickness to plug pores, cracks and holes. Apply the second layer as soon as possible, after hardening of the first layer, to ensure proper adhesion between layers. If needed apply a third layer.

The thickness of **weberdry 116 FX** should be at least 1.5 mm. In hot weather, wind or sunshine, take all necessary measures to prevent the coating from rapid water evaporation.

COVERAGE

Approx. 2 to 3 kg/m² depending on the surface and consistency required (Approx 1.8 kg per m² for 1 mm thickness DFT).

STORAGE

Can be stored for 6 months in original package in a dry and tempered area.

SAFETY PRECAUTIONS

The product contains cement powders which, when mixed with water, release alkalis that could be harmful to the skin. It is preferable that the application be done in a ventilated area, and to wear protective gear for hands, eyes and respiratory system and to avoid breathing of the dust. Splashes on the skin should be washed away by cleaning with soap and water. In case of contact with eyes, wash thoroughly with clean water. If swallowed, do not induce vomiting, in both cases seek medical attention. The product is non-flammable.

DISCLAIMER

While the company guarantees its products against defective materials, the use and application of these products are made without guarantee since the conditions of their application are beyond its control. It is recommended to verify with the company that the product is suitable for the intended use, and that this Data Sheet version is the latest one. The company may modify it without prior notice. Technical characteristics are listed for guidance only. For more information, please contact the company's office in your location.

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