

Flexible cement based acrylic waterproof coating

PRODUCT

weberdry 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. Protection and waterproofing of concrete surfaces and facades.

weberdry 116 FX must be used on damp cement based substrate.

SCOPE OF USE

weberdry 116 FX 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
- Roofs (weberdry 116 FX (white) can be used for roof waterproofing applications)
- A waterproof and protection coating on top of spray applied polyurethane foam

ADVANTAGES

- Waterproof, flexible, crack bridging
- Outstanding adhesion to concrete and masonry
- Weathering and UV resistant coating in roof applications
- High solar reflectance index (White color SRI >78)

CHARACTERISTICS

Color	Grey or white
Mix Density (A+B)	18±0.05kg/LT(fresh mortar)
Pull off Strength (BS 1881 Part 207)@28 days	> 0.5N/mm ²
Crack bridging Ability 2mm without mesh (ASTM C 1305)	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
Resistance to fire as per ASTM E 84-20	Class A

All tests were carried out @ temp 23 ± 2°C and relative humidity of 50 ± 5%

INSTRUCTIONS FOR USE

SURFACE PREPARATION

The substrate to be treated must be perfectly sound, clean, free from grease, oil, dust and any friable matters. Wash 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,



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

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. Apply **weberdry 116 FX** with sufficient thickness to plug pores, cracks and holes. Apply the second layer if required, after the setting of the first layer (2-3 hours depending on the site conditions), to ensure proper adhesion between layers.

The thickness of **weberdry 116 FX** should be at least 1.2 mm WFT. In hot weather, wind or sunshine, take all necessary measures to prevent the coating from rapid water evaporation.

CONSUMPTION

1.8 ± 0.1 kg/m²/1mm WFT.

WEBERDRY CEMENT BASED PRODUCT RANGE COMPARISON

Product	Primary scope	Secondary scope	Min. thickness per layer	Max. thickness per layer	Max. number of layer
weberdry 116 FX	Façade and roof substrates	As detailed in product data sheet	12 mm	15 mm	1-2
weberdry 136 FX*	Wet and damp areas	As detailed in product data sheet	0.5 mm	0.7 mm	2-3
weberdry 110 FX*	Water tanks and swimming pools	As detailed in product data sheet	0.5 mm	0.7 mm	2-3
weberdry 130 PR*	Negative side waterproofing	As detailed in product data sheet	1 mm	2 mm	3

N.B:

- Material consumption with uneven substrates is not taken into consideration.
- *Refer relevant TDS for more information on product.
- All thickness mentioned in table are in WTF (wet film thickness).

STORAGE

Powder part can be stored 12 months while the liquid part can be stored up to 6 months, after manufacturing date in its original packing non open, protected from frost and heat.

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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