

Highly flexible waterproofing / damp-proofing coating (grey)

PRODUCT

weberdry 107 HFX is a highly flexible polymer modified, hydraulic cement based, two-component system consisting of dry Component A (special cement+additives) and liquid Component B (acrylic copolymer+additives).

SCOPE OF USE

- Applied on cement based substrate like concrete, bricks, cement plaster, masonry, gypsum boards **weberdry 107 HFX** forms a film that is highly flexible, waterproof and resistant.
- Interior and exterior waterproofing and damp proofing concrete, renderings, bricks and masonry.
- Protection of concrete structures against the effects of de-icing salts and freeze-thaw.
- Waterproofing of water tanks, swimming pools, saunas, jacuzzis etc.
- Pore/blowhole filling.
- Waterproofing of basement and cellar walls not subject to severe water pressure.
- Waterproofing of balconies terraces and wet areas.
- Waterproofing of tunnels and underground infrastructures.
- sealing thin cracks in concrete structures not subject to additional movement.

ADVANTAGES

- Suitable for Hand and spray applications
- Easy to apply by brush or in thin trowel applications.
- No water required for mixing.
- Pre-measured components.
- Easy and fast mixing.
- Excellent adhesion.
- Protects against concrete carbonation.
- Protects against water penetration.
- Non-corrosive to steel or iron.
- Over paintable.
- Excellent flexibility at low temperatures
- Superior waterproofing (negative & positive)
- Long term crack resistance
- Self-curing
- Continuous water immersion possible
- Superior freeze/thaw resistance
- breathable
- Very low shrinkage
- Salt resistant
- Non-toxic

CHARACTERISTICS

Component A	
Powder density	1.2



PACKAGING

Leb	Syria	Jordan	UAE	Qatar	Kuwait	KSA	Oman
15 kg	15 kg	15 kg	15 kg	15 kg	15 kg	15 kg	15 kg

A: Powder component: 10 kg.

B: Liquid component: 5 kg pails.

Component B	
Liquid density	1.05
Mix A+B	
Mixing Ratio	2 powder to 1 liquid
Color	Grey
Density of wet mix	1.61
PH value	12.2
Ideal application	
Temperature	+8°C min, +35°C max
Application thickness	0.5 mm minimum
per layer	1.5 to 2 mm maximum
	2 coats minimum
Tensile adhesion strength	1 MPa

INSTRUCTIONS FOR USE

PREPARATION OF THE SUBSTRATE

The substrate must be perfectly sound, clean, free from grease, oil, dust or any friable matters. All corners should be saw-cut and filled with a non-shrink thixotropic mortar like **weberep 331 TX**. All honeycombs or holes should be widened and filled with a non-shrink mortar like **weberep 350 NSG**. Before applying **weberdry 107 FX**, wet abundantly the substrate to be treated.

PRODUCT PREPARATION

Mix the 2 components of **weberdry 107 FX** by using a

mechanical mixer in order to obtain a creamy coating which can be applied by brush.

PRODUCT APPLICATION

Apply the 1st layer of **weberdry 107 FX** with sufficient thickness to plug pores, cracks, and holes at 1kg/m².

Apply 2nd and 3rd layers in the proportion of 0.5 to 1 kg/m². Always allow to dry between each layer. All corners, cracks or construction joints should receive 20 cm wide fiberglass mesh reinforcement between the 1st and 2nd layer. Wherever tiling on **weberdry 107 FX** is required, Carroflex should be used. It is recommended that the tiling start after one week from the application of **weberdry 107 FX**. When needed, flood test on **weberdry 107 FX** can be carried out prior tiles fixing. Allow one week curing before flood test.

RECOMMENDATIONS

- Do not exceed maximum layer thickness.
- **weberdry 107 FX** will not bond to surfaces that have been treated previously with a water repellent.

CLEANING

Remove **weberdry 107 FX** from tools and equipment with water. Hardened material can only be removed mechanically.

CONSUMPTION

2 kg/m² to 4 kg/m² depending on the nature of the support.

STORAGE

Can be stored up to 6 months from manufacturing date, in original packaging, non open, protected from humidity, hot or freezing temperature.

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.

NOTE

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