

weber.dry FDF plus

Elastomeric resin based, UV resistant waterproofing material

Technical Data Sheet

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■ Description

Elastomeric resin based, ready-to-use, UV resistant, super flexible waterproofing material.

■ Advantages

- Improved UV resistance and reflection feature,
- Resistance to temperature differences with super flexible structure,
- Crack bridging over 1 mm even at low degrees,
- Easy application with brush, roller or airless spray,
- Not easy becoming dirty, easy cleanable feature,
- Resistant to water ponding.

■ Range of application

- Used as UV resistant, colored, ready-to-use, super flexible waterproofing material for interior and exterior of all structures, north façades, roofs, streams, gutters, chimney and parapet flashings.

■ Application substrates

- Cement-based screeds, renders, concrete and boards.
- Galvanised, zinc and aluminum substrates,
- Old bitumen substrates (at least 1 year old),
- Please consult us for other application substrates.

■ Limits of application

- Not applicable against negative water pressure.

■ Application properties

- Time to gain mechanical resistance: 7 days
- Time to waterproof: 7 days
- Time to reach the final resistance: 7 days
- Time to contact: 2 hours
- Time between the coats: 6 hours
- Drying time: 48 hours
- Thickness of application: 1-1,5 mm

■ Performance

- Density: 1,49 kg/dm³,
- Bonding strength (TS EN 14891): $\geq 1,0 \text{ N/mm}^2$
- Crack bridging (TS EN 14891): $\geq 2 \text{ mm (+20 °C)}$
 $\geq 1 \text{ mm (-5 °C)}$
- Capillary water absorption (TS EN 1062-3): $\leq 0,1 \text{ kg/(m}^2\text{h}^{0,5})$
- Elongation at break (ASTM D2370): $\geq \% 400$

■ Reference standards

- TS EN 14891/Nisan 2008
- Dispersion liquid-applied waterproofing product. TYPE: DM

■ Attention points

- No salty water should ever be used.
- No foreign object should ever be added.

- Dilatation joints on the application substrates should not be covered with **weber.dry FDF plus** and the continuity of waterproofing at these points should be ensured with **weber superflex dilatation** waterproofing tapes.
- All tools used for application should be cleaned up with water before they dry.

■ Preparation of substrates

- Substrate should be clean, smooth, sound, frost-protected and free from adhesion diminishing residues like form oil and loose materials.
- The major deformations and holes on substrate should be repaired with **weber.rep MA 200** minimum 24 hours before application of **weber.dry FDF plus** and where situation requires sulfate resistance or fast application, substrates should be repaired with **weber.rep HKS**.
- Application substrates should be primed with **weber.dry FDF plus** diluted in 1/4 ratio (**weber.dry FDF plus** / water).
- Hard substrates such, as old bitumen and metal should be primed with **weber.prim EP 2K** for high adherence.

■ Conditions of application

- Ambient temperature: between +10 °C and +35 °C
- Avoid application in very damp and/or very hot weather.
- It should not be used on substrates which are frozen or melting or have the risk of frost or rain within 24 hours.

■ Application

- After the primer coat dries, **weber.dry FDF plus** should be applied to the entire substrate with a roller, brush or spray in 2 coats without diluting.
- Thin cracks, joints, corners and edges should be supported with polyester felt after the first coat application. Polyester felt should be applied on the entire substrate on terrace roofs after the first coat application.
- After the first coat dries, the second coat should be vertically applied to the first coat.
- It should be waited for min 6 hours between the coats.

■ Consumption

1,5-2 kg/m² (for application thickness of 1 mm).

■ Packaging

Net 20 kg and 5 kg (only grey and white) plastic bucket.

■ Color

Grey, white, green, scarlet.

■ Application tools

Brush, roller, airless spray.

■ Shelf life

1 year from the production date in dry and cool ambient.

Package should be kept tightly closed when not in use.

The package should be protected against frost.

FOR INFO

- The stated times apply for 20 °C substrate and ambient temperature and increase at lower temperatures and decrease at high temperatures.
- **Saint-Gobain Weber Yapı Kim. San. ve Tic. A.Ş.** is not responsible for the application errors arising from use of product beyond its intended purpose or failure to comply with the foregoing application conditions and advice on the product.



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