

# Product Information

## WIDOPAN-FD

## Product Data

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**Basis**

Unsaturated polyester elastomer, liquid

**Reinforcement**

Polyester non-woven fleece G 120 / G 165 / G 225

**Curing with hardener and accelerator**

Rainproof after approx. 30 minutes

Trafficable after approx. 2 hours

**Water vapour diffusion resistance ( $\mu$ )**

approx. 4,725

**External fire exposure classification**

B<sub>ROOF</sub>(t4)

**Flammable substances class E**

**Resistant to spreading fire and radiant heat, as specified in DIN 4102, Part 7.**

**Finish Colours**

Grey / Anthracite

**Packaging unit**

20.00 kg

**Minimum working temperature**

- 5° centigrade

**Temperature resistance**

- 30° centigrade to + 80° centigrade

**Cleaning in fresh state**

WIDOPAN-cleaner

**Storage**

If container is kept closed and storage temperature held constant below + 25° centigrade, the product may be used for up to 12 months.

WIDOPAN-FD is a liquid waterproofing system which has been specially developed for the demands of flat roofs with problematic details. Only if all attachments and junction are treated correctly will a durable seal be obtained.

The material basis of WIDOPAN-FD is unsaturated polyester elastomer. Depending on the load, either G120, G 165 or G 225 polyester non-woven fleece is encapsulated as reinforcement. The reinforcement determines the breaking strength and elongation at break and provides for even layer thickness.

The overlap of reinforcement layers must be 5 cm. The overlap of other materials is to be determined for each case separately, but should not be less than 10 cm. This results in a homogeneous and crack-filling seal.

WIDOPAN-FD may be used on all kinds of flat roof, on sloping roofs including even vertical surfaces, and on complex roof shapes such as cupolas and barrel roofs. But WIDOPAN-FD is used especially for junctions and roof openings such as ventilation and pipe openings, supports and structures, lighting domes and chimneys, balcony doors and windows, and for all attachments which are very costly to seal by conventional sealing methods or else cannot be sealed at all. With the correct primers, WIDOPAN-FD adheres to almost any substrate and the attachments are made permanently waterproof. Combination with most bitumen and plastic roof sealing sheeting is also excellent.

WIDOPAN-FD is UV stable and therefore resistant to ageing. It is resistant to roots in conformity with DIN EN 13948 (FLL guidelines). In addition, WIDOPAN-FD is resistant to spreading fire and radiant heat, as specified in DIN 4102, Part 7 and is fireproof as defined by British Standard BS 476, Part 3, 2004.

Please Note:- Under certain weather conditions with high atmospheric humidity and condensation on the coating, and with site or substrate temperatures of over + 35 ° C, a stronger adhesive film will form on the WIDOPAN surface. Therefore, it is recommended that the maximum working temperature should be set at +35°centigrade

**Please also refer to our instructions on priming and our technical information sheets.**