

Technical Information Sheet Article No. 9015

PE Fleece

Non-woven polyester needle punched, thermo fixed fleece for reinforcement of liquid plastic coatings.

Range of Use

To be used for the reinforcement of coatings, primers, scratch coats and roofing membranes when working over joints or to create a fully reinforced waterproof membrane.

Floors

Used to reinforce epoxy and PUR resins across joints in the subfloor to achieve a seamless finish and to reinforce balcony and car park deck waterproof membranes.

Roofs

Primarily to reinforce the range of PUR RoofCoat materials to achieve consistent film thicknesses and greater durability.

Decks

Reinforcement for the range of deck waterproofing systems. Not normally used in the bitumen thick coating programme – use article 4176-4177 instead.

Property Profile

100% polyester fleece produced by calender system offering 100g/m² (gsm) finish. The material is a non woven needle punched fleece with exceptional wetting properties for resin coatings.

The product is rot proof and heat treated on one side (thermo-fixed).

Characteristic data of the product

| | |
|---------------------------|----------------|
| Base | 100% Polyester |
| Weight | 106 gsm |
| Thickness | 0.9 mm |
| Tear strength (warp) | 304 N /5cm |
| Tear strength (weft) | 264 N /5cm |
| Expansion at break (warp) | 220% |
| Expansion at break (weft) | 314% |

Working

The fleece must be pressed into the coating to expel air and lay flat. The best technique is to work outwards from the centre in both directions.

Special laminating tools are available on the market which may assist in achieving the ideal finish.

The exact build up is determined by the resin system which is being employed.

Overlaps of 100mm should be used, depending upon the system being installed.

Packaging and shelf life.

Packaging:

All in cut rolls of sizes (l x w);
50m x 150mm
50m x 200mm
50m x 250mm
50m x 350mm
50m x 500mm
50m x 1m

Application Rate:

1.1 m/m to allow for overlaps.

Shelf Life

Correctly stored the PE Fleece can be stored with an infinite shelf life.

Safety, ecology, disposal

Further information on safety when transporting, storing and handling as well as disposal and ecology is found in the latest Safety Data Sheet.

The statements above are compiled from our field of production and according to the latest technological developments and application techniques.

Since application and working are beyond our control, no liability of the producer can be derived from the contents of this information sheet. Any statements made beyond the contents of this information must be confirmed in writing by the producer.

In all cases, our general conditions of sale are valid. With the publication of this Technical Information Sheet all previous editions are no longer valid.

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