

# PC<sup>®</sup> 150 glass reinforcing mesh

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## 1. Description and area of application

PC<sup>®</sup> 150 is a wide-mesh, alkaline-resistant glass mesh for the reinforcement of coatings on FOAMGLAS<sup>®</sup> insulation. The large mesh width (approx. 3.5 x 3.5 mm) allows the easy penetration of heavy coatings or mineral plaster with a good bonding on the insulation and reinforcement. The thickness of the reinforcement ensures that the necessary quantity of coating is applied and the desired strength is provided.



## 2. Application

### Application procedure

PC<sup>®</sup> 150 is cut according to the size of the surfaces, at least 100 mm is added for overlapping at all joints. Scissors are required for cutting. A base coating is applied to the insulation in accordance with the details from the manufacturer. The mesh is immediately applied without folds into the coating. A further coating is applied in accordance with the details of the coating manufacturer. The mesh should be fully embedded within the coating mass, but its outline may still be slightly visible when the coating is dry. The second layer is applied after the priming coat dries.

### 2.1 Product Safety Notice

All material safety data sheets (MSDS) are available. They aim to ensure a safe handling of the product and correct disposal.

## 3. Type of delivery and storage

Rolls of 1 x 50 m, weight per roll approx. 8.5 kg

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## 4. Consumption

An addition of 10% must be planned for the surface to be reinforced for normal overlapping of the edges.

Consumption: 1.1 m<sup>2</sup>/m<sup>2</sup>. (1 rol = 50 m long x 1 m width)

These quantities are for guidance only; they depend on the application and site conditions, etc.

## 5. Key data

Type	Wide-mesh glass fibre fabric with styrene-acrylic
Service temperature	from -35 °C to +80 °C
Application temperature	at least 0 °C
Weight	165 g/m <sup>2</sup>
Mesh	500 dm <sup>2</sup>
Mesh width	3.6 x 3.4 mm
Mesh thickness	0.40 mm
Tensile strength	longitudinal (chain): 42 N/mm across (filling): 38 N/mm
Reaction to fire (EN 13501-1)	-
VOC	-
Giscode	-

The physical properties indicated above are average values, which are measured under typical conditions.

Additional information can be found in our technical data sheets (TDS). Our liability and responsibility are guided exclusively by our general terms and conditions and are not expanded by the statement of our technical documents nor by the advice of our technical field service.