

PC[®] 150 REINFORCING MESH

Product Datasheet

1. Description and Area of Application

PC[®] 150 is a wide-mesh, alkaline-resistant glass mesh for the reinforcement of coatings on FOAMGLAS[®] insulation. The large mesh width allows for the easy penetration of heavy coatings or mastics for bonding on the insulation and reinforcement. The thickness of the reinforcement mesh ensures that the minimum required quantity of coating is applied.

2. Field Application

Always read and understand information contained within product datasheets and safety datasheets before attempting to use this product. If you have questions regarding fitness of use of this product for an application, consult Pittsburgh Corning LLC.

Substrate Preparation

The FOAMGLAS[®] insulation surface should be dry, free of frost, oil and grease.

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Cellular Glass Application Guidelines

PC[®] 150 reinforcing mesh is cut to fit piping, vessel or shape, allowing a minimum of 5 to 10 cm (2 to 4 in.) overlap at all seams.

Reinforcing mesh should be cut to fit closely without wrinkles. Scissors or shears are recommended for cutting.

Follow instructions on the Product Datasheet for the specific coating to be used.

Reinforcing mesh should not be exposed after second application of wet coating, but the profile of fabric pattern may be visible in dried coating.

Clean up and Disposal

Dispose of excess fabric in accordance with local, state and federal regulations.

3. Type of Delivery and Storage

- Rolls: 1 x 50 m (39.4 in. x 54.7 yards)
- Weight per roll: Approximately 8.5 kg (18.7 lb)
- Store in a dry location.



- Consult Safety Data Sheet for additional storage and handling information.

4. Coverage

Standard application of coating to FOAMGLAS[®] insulation:

- Roll: Will cover approximately 46 m² (498 ft²)
- Required number of rolls, N, of PC[®] 150 mesh:
 - Equation 1: SI, Metric Units, $N = 1.08 \cdot A \div 50 \text{ m}^2$
 - Equation 2: Imperial units, $N = 1.08 \cdot A \div 539 \text{ ft}^2$
 - Where A is the actual surface area to be covered in m² or ft².
- All figures exclude losses.

5. Typical Properties

PROPERTY ^A	METHOD	SI	ENGLISH
COLOR			Off White
COMPOSITION		Wide mesh glass scrim with styrene acrylic coating	
MESH DENSITY		2.9 x 2.9 / cm	7 x 7 / in.
MESH OPENING (WIDTH)		3.5 mm	0.14 in.
THICKNESS, NOMINAL		0.4 mm	0.016 in.
TENSILE STRENGTH			
LONGITUDINAL	Chain	42 N / mm	240 lbs. / in.
CROSS	Fill	38 N / mm	217 lbs. / in.
WEIGHT, NOMINAL		165 g / m ²	4.87 oz. / yd ²
REACTION TO FIRE			Non-Flammable

^A Properties subject to change. Consult Pittsburgh Corning LLC.

6. Limitations

- Refer to product data sheet of approved coatings for service limitations.

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