

# PC<sup>®</sup> SP 150/150 P

## Serrated fixing plate, perforated

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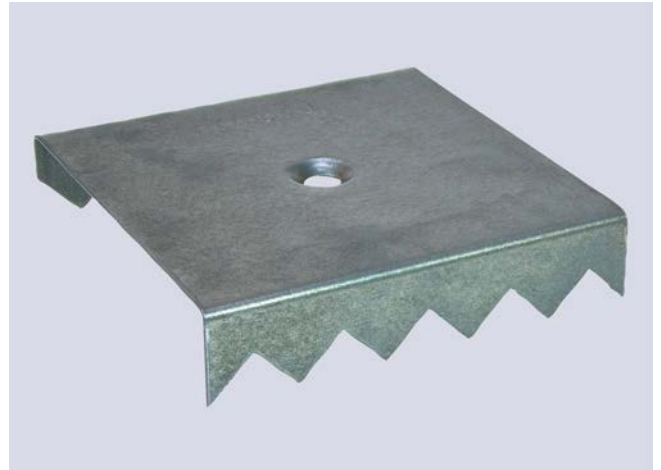
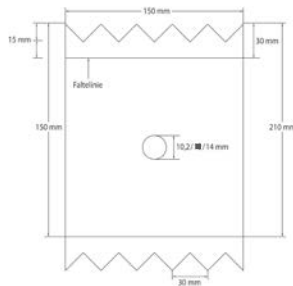
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### 1. Description and area of application

PC<sup>®</sup> SP 150/150 P serrated fixing plates are used to minimise thermal bridging and provide a fastening system for curtain-walled, rear-ventilated façade systems. They are made from hot-dip galvanised steel Z275.

The PC<sup>®</sup> SP 150/150 serrated fixing plate has the following dimensions: 150 x 150 mm (perforated with optional 10.2 or 14 mm diameter hole). 1.5mm thick. The edges incorporate 30mm deep serrated teeth.



### 2. Application

After preparing the insulation surface, measure and place the fixing plates in accordance with the laying grid recommended by the supplier of curtain walling or façade system. Advice should be sought regards system specific or static requirements in relation to building height, position and alignment. The jagged edges of the plate should be inserted horizontally.

The fixing plates are glued into position using PC<sup>®</sup> 56 cold applied adhesive. The insulation layer is pre-drilled and a thermally broken fixing with counter sunk head (in accordance with manufacturer's recommendations), anchors back to the substrate.

#### Reducing Thermal Bridging

In traditionally insulated façade systems, conventional fixing and rail systems can account for up to 70% heat loss through thermal bridging.

PC<sup>®</sup> SP 150/150 P serrated fixing plates have been proven to reduce thermal bridging (source: EMPA – Materials Science & Technology Building Technologies, Switzerland 2006). The point-based heat bridging loss coefficient of  $\chi$  is below 0.005 W/K – providing excellent comprehensive protection from thermal bridging.



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### 3. Type of delivery and storage

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Box with 50 units each

150 x 150 mm, 1.5 mm thick.

The perforation is optionally available with  $\varnothing = 10.2$  or 14 mm.

Store in a dry place protected against humidity.

### 4. Consumption

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Depending on the type of application.

### 5. Key Data

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Steel type	Z275
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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.

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