MOMENT® CONNECTION LOOP

Moment® Connection Loop is a single-wire loop used to connect 2 precast boxes for the prefabricated prefinished volumetric construction (PPVC).

Applications

In order to connect 2 precast elements, both precast elements has to be cast with the Moment® Connection Loop at the wall. A rebar will then be inserted through the intersection of 2 loops.

After placing the rebar, the gap between the precast elements will need to be grouted using a 40Mpa or 70Mpa non shrink grout depending on the application.

Dimensions and Availability

<table>
<thead>
<tr>
<th>Item</th>
<th>Diameter of the wire</th>
<th>Diameter of the loop</th>
<th>Average breaking load</th>
</tr>
</thead>
<tbody>
<tr>
<td>MCL6</td>
<td>6mm</td>
<td>120mm</td>
<td>54kN</td>
</tr>
<tr>
<td>MCL12</td>
<td>12mm</td>
<td>120mm</td>
<td>121kN</td>
</tr>
</tbody>
</table>

Material

Material strength of the Moment® Connection Loop is 1770N/mm² and complies to EN12385-4:2002+A1.
HALFEN MOMENT

YOU BUILD, WE CONNECT!

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