**General description**

*Murfor® Compact I* masonry reinforcement consists of steel cord mesh and interwoven fiberglass roving. There are two types of *Murfor® Compact I*:

- *Murfor® Compact I-50*
  a mesh consisting of 7 steel cords

- *Murfor® Compact I-100*
  a mesh consisting of 14 steel cords

**Application**

*Murfor® Compact I* (galvanized) is suitable for masonry (clay bricks, concrete blocks) exposed to a dry environment (exposure class MX1, compliant with Eurocode 6/EN845-3).

*Murfor® Compact I* is suitable for all types of mortar joints.

**Geometry**

![Diagram of Murfor® Compact I-50](image)

![Diagram of Murfor® Compact I-100](image)

**Dimensions and weight on the mesh**

<table>
<thead>
<tr>
<th>Material</th>
<th>Pitch_{short}</th>
<th>Pitch_{long}</th>
<th>Step</th>
<th>Width</th>
<th>Diameter</th>
<th>Length</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td><em>Murfor® Compact I-50</em></td>
<td>7,5</td>
<td>10</td>
<td>33</td>
<td>50</td>
<td>1,7</td>
<td>30</td>
<td>1,40</td>
</tr>
<tr>
<td><em>Murfor® Compact I-100</em></td>
<td>7,5</td>
<td>10</td>
<td>33</td>
<td>100</td>
<td>1,7</td>
<td>30</td>
<td>2,77</td>
</tr>
</tbody>
</table>
Technical specifications

<table>
<thead>
<tr>
<th>Material</th>
<th>A* longitudinal cord</th>
<th>A* TOTAL</th>
<th>Yield strength</th>
<th>E-modulus</th>
<th>Agt</th>
<th>Zinc</th>
</tr>
</thead>
<tbody>
<tr>
<td>Murfor® Compact I-50</td>
<td>0,69</td>
<td>4,83</td>
<td>&gt; 1770</td>
<td>180</td>
<td>&gt; 2,30</td>
<td>40</td>
</tr>
<tr>
<td>Murfor® Compact I-100</td>
<td>0,69</td>
<td>9,66</td>
<td>&gt; 1770</td>
<td>180</td>
<td>&gt; 2,30</td>
<td>40</td>
</tr>
</tbody>
</table>

*A = steel section

Packaging

- 36 boxes are on one wooden pallet 900 x 1200 mm
- Identification is on the box

Packaging units

<table>
<thead>
<tr>
<th>Material</th>
<th>Per box</th>
<th>Per box</th>
<th>Per pallet</th>
<th>Per pallet</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>pieces</td>
<td>Meter</td>
<td>boxes</td>
<td>Meter</td>
</tr>
<tr>
<td>Murfor® Compact I-50</td>
<td>6</td>
<td>180</td>
<td>36</td>
<td>6480</td>
</tr>
<tr>
<td>Murfor® Compact I-100</td>
<td>3</td>
<td>90</td>
<td>36</td>
<td>3240</td>
</tr>
</tbody>
</table>

Storage advice

- Keep dry
- Only stack two pallets high

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