Declaration of conformity

Kiwa declares that, based on tests, the 'Flexible pre-insulated piping system Flexalen 600' as certified by Kiwa and manufactured by

**Thermaflex Isolatie B.V.**

may, on delivery, be relied upon to comply with;

EN 15632 (part 1 and 3): "District heating pipes – Pre-insulated flexible pipe systems".

**Remarks**

The piping system exists of the following parts:
- a pipe package existing of:
  - PB inner pipes (colour: grey) or PB inner pipes provided with an oxygen barrier layer (colour: grey/red)
  - PE isolation layer around the inner pipe
  - HDPE protection pipe around the isolation layer (colour: black)
- electrofusion, socket fusion and mechanical fittings;
- products for connecting the pipe package to the supply pipe

The following dimensions are covered under this declaration of conformity:

<table>
<thead>
<tr>
<th>Nominal inner pipe diameter x wall thickness in mm</th>
<th>Nominal diameter protection pipe in mm single pipes</th>
<th>Nominal diameter protection pipe in mm double pipes</th>
</tr>
</thead>
<tbody>
<tr>
<td>16 x 2.2</td>
<td>40, 50, 63, 75, 90, 125</td>
<td>90, 125, 180</td>
</tr>
<tr>
<td>20 x 2.8</td>
<td>40, 50, 63, 75, 90, 125</td>
<td>90, 125, 180</td>
</tr>
<tr>
<td>25 x 2.3</td>
<td>50, 63, 75, 90, 125, 160</td>
<td>125, 160, 200</td>
</tr>
<tr>
<td>32 x 3.0</td>
<td>63, 75, 90, 125, 160</td>
<td>125, 160, 200</td>
</tr>
<tr>
<td>40 x 3.7</td>
<td>75, 90, 125, 160</td>
<td>125, 160, 200</td>
</tr>
<tr>
<td>50 x 4.6</td>
<td>75, 90, 125, 160</td>
<td>160, 200</td>
</tr>
<tr>
<td>63 x 5.8</td>
<td>90, 125, 160, 200</td>
<td>160, 200</td>
</tr>
<tr>
<td>75 x 6.9</td>
<td>126, 180, 200</td>
<td></td>
</tr>
<tr>
<td>90 x 8.2</td>
<td>160, 200</td>
<td></td>
</tr>
</tbody>
</table>

*only for PB inner pipe (colour: grey)*

**Marking**

- The marking must be in compliance with EN 15632

**Recommendations for customers**

Check at the time of delivery whether:
- the products show no visible defects as a result of transport etc.
- the declaration of conformity is valid.

Publication of this declaration is allowed and consists of 1 page.

**Manufacturer**

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**Authorisation**

Ing. B. Meekma,
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