Conlit Ductrock is a non-combustible stone wool slab, covered on one side with fibreglass-reinforced aluminium foil. The slabs contain special granules, which release the water crystals trapped inside in the event of fire. The standard thickness of Conlit Ductrock is 60 mm. The weight of the slabs is dependent on the granules they contain.

Conlit Ductrock has been developed to provide fire-resistant insulation for rectangular metal air ducts. Depending on the particular product used, it offers fire resistance of 60, 90 or 120 minutes, for both horizontal and vertical air ducts.
Conlit Ductrock

Product advantages

- Fire-resistant, acoustic and thermal insulation, all in one product;
- Saves space with a thickness of just 60 mm;
- No need for flange collars or hangers;
- Can be used on both horizontal and vertical ducts and for fire risks both inside and outside ducts;
- Can be used on both solid and light partition walls;
- Fast assembly using welded pins and/or parker screws;
- Easily workable, easy to cut and size;
- Sturdy and safe: tested compliant with the EN 1366-1:2001 European standard.

Technical information

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
<th>Standard</th>
</tr>
</thead>
<tbody>
<tr>
<td>Thermal conductivity coefficient $\lambda_{\text{eq}}$</td>
<td>0.040 [W/m.K]</td>
<td>EN ISO 8497</td>
</tr>
<tr>
<td>Euroclass</td>
<td>A1</td>
<td>EN 13501-1</td>
</tr>
<tr>
<td>Fire reaction A2</td>
<td></td>
<td>DIN 4102-1</td>
</tr>
<tr>
<td>Vapour diffusion resistance of aluminium foil $S_d$</td>
<td>&gt; 200 m</td>
<td>EN 12086</td>
</tr>
</tbody>
</table>

Fire resistance

- Netherlands:
  Fire resistance of 60 to 120 minutes, compliant with the following certificates:
  SVO-2006 Efectis-R0661: Relates to Conlit Ductrock 60, 90 and 120 products for horizontal and vertical rectangular air ducts with fire-resistance requirements of up to 120 minutes.
- Belgium:
  ISIB technical recommendations 2010 - A - 078, 079, 080. Relates to Conlit Ductrock 60, 90 and 120 products for horizontal and vertical rectangular air ducts with fire-resistance requirements of up to 120 minutes.

Handling

When applying fire-resistant insulation to air ducts, various details should be taken into account.

Storage

Conlit Ductrock is supplied on pallets, which must be protected from the weather and stacked no more than two layers high.

Range

<table>
<thead>
<tr>
<th>Fire resistance (minutes)</th>
<th>Thickness (mm)</th>
<th>Length (mm)</th>
<th>Width (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>60</td>
<td>60</td>
<td>1500</td>
<td>1000</td>
</tr>
<tr>
<td>90</td>
<td>60</td>
<td>1500</td>
<td>1000</td>
</tr>
<tr>
<td>120</td>
<td>60</td>
<td>1500</td>
<td>1000</td>
</tr>
</tbody>
</table>

Technical Service

Please contact our Customer Service department with any technical questions.
Netherlands: +31(0)475 35 36 18;
Belgium: +32(0)2 715 68 20.