Conlit PS EIS 60, 90, 120
Fire resistant pipe section for circular horizontal ventilation ducts

Product description
The Conlit PS EIS system is the ideal fire resistant insulation for horizontal, circular ventilation ducts with a maximum diameter of 356mm. This system contains a number of standard pipe diameters with associated insulation thicknesses.

Application
Conlit PS EIS pipe sections are used in combination with fire resistant Conlit Duct bandage for fire protection and penetrations of circular ventilation ducts.
Conlit PS EIS 60, 90, 120

Advantages
- Fire resistant, acoustic and thermal insulation in one;
- Single-layer insulation solution;
- Additional collars at flanges and suspensions not required;
- Easy to handle, cut and fix;
- Suitable for horizontal and vertical ducts, for internal and external fire protection;
- For solid and lightweight separating constructions;
- Easily recognisable by printed aluminum foil.

About ROCKWOOL stone wool
- Excellent thermal performance. Dimensionally stable, not subject to shrinkage or expansion which prevents thermal leakage. No thermal aging and constant insulation performance during the lifetime of the building;
- Non-combustible, does not produce smoke nor toxic gasses in case of a fire. Able to withstand temperatures > 1.000°C. Does not cause flash-over. Euroclass A1 according to EN 13501-1;
- Excellent sound absorption, increases sound insulation;
- Environmentally friendly, sustainable materials, recyclable. Increases the durability of buildings;
- Water repellent, non-hygroscopic and non capillary;
- Chemically neutral, does not cause corrosion;
- No breeding ground for fungi.

Service product Conlit Duct Bandage
Conlit Duct Bandage is an intumescent fire resistant collar for fire resistant protection and penetrations for circular ventilation ducts up to a maximum diameter of 356mm in combination with Conlit PS EIS pipe sections.
Size: 10.000mm x 600mm - 6m²/roll

Technical information

<table>
<thead>
<tr>
<th></th>
<th>Value</th>
<th>Norm</th>
</tr>
</thead>
<tbody>
<tr>
<td>Thermal conductivity*</td>
<td>$\lambda_{10} = 0.040[W/m.K]$</td>
<td>EN ISO 8497</td>
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<tr>
<td>Reaction to fire</td>
<td>Class 1</td>
<td>NEN 6065</td>
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<tr>
<td>Smoke density</td>
<td>Negligible</td>
<td>DIN 4102-1</td>
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<tr>
<td>Water absorption</td>
<td>&lt; 1kg/m²</td>
<td>EN 6066</td>
</tr>
<tr>
<td>Vapor diffusion resistance</td>
<td>$S \geq 200m$</td>
<td>EN 13469</td>
</tr>
</tbody>
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* Indicative

Fire resistance
Fire resistance from 60 to 120 minutes following these tests:
60 minutes; PC 10262, DBI, Danish Institute of Fire & Security Technology, [EN 1366-1].
90 minutes; PC 10260, DBI, Danish Institute of Fire & Security Technology, [EN 1366-1].
120 minutes; PC 10263, DBI, Danish Institute of Fire & Security Technology, [EN 1366-1].

Technical Service
For technical issues, please contact our Customer Service department;
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