



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 gases 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.

Assortment

Fire resistance (min)	60	90	120
Thickness (mm)	60	80	100
Diameter ø (mm)	63, 80, 100, 125, 160, 200, 250, 315		

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

	Value	Norm
Thermal conductivity*	$\lambda_{10} = 0,040$ (W/m.K)	EN ISO 8497
Reaction to fire	Class 1 A2	NEN 6065 DIN 4102-1
Smoke density	Negligible	EN 6066
Water absorption	< 1kg/m ²	EN 13472
Vapor diffusion resistance	$S_d \geq 200m$	EN 13469

* 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;
Netherlands: +31 (0) 475 353 610
Belgium: +32 (0) 271 568 20

ROCKWOOL reserves the right to alter or amend the specification of products without notice as our policy is one of constant improvement. ROCKWOOL will not accept liability for possible errors and/or incompleteness.

ROCKWOOL B.V.
P.O. Box 1160, 6040 KD Roermond
Industrieweg 15, 6045 JG Roermond
Telephone: +31 (0)475 35 35 35
info@rockwool.nl - www.rockwool.nl

ROCKWOOL N.V.
Cluster Park - Romboutsstraat 7,
1932 Zaventem
Telephone +32 (0)2 715 68 05
Fax +32 (0)2 715 68 76
info@rockwool.be - www.rockwool.be