

SitaFireguard® pipe lead-through

Correct lead-through.
Fire protection in the set.



SitaFireguard®
pipe lead-through

- + For preventative fire protection to DIN 18234
- + A complete set allowing easy and safe installation
- + With foamed-in connection sleeve of choice
- + Fire protection plug for safe lead-through of cables and media



SitaFireguard®
pipe lead-through



SitaFireguard®
pipe lead-through
insulating body
mineral wool

SitaFireguard® pipe lead-through

Product features at a glance:

Product features

Applications	For pipe lead-through and preventive fire protection on flat roofs with requirements in accordance with DIN 18234
Material	Sheet steel, polyethylene, polyurethane
Temperature resistance, min.	-20 °C
Properties	+ Not sensitive to the weather (UV/IR radiation, rain/snow, temperature, ozone, etc.) + Impact and shock resistant + Durable
Workmanship	The general rules of engineering as well as the installation examples and installation instructions of Sita Bauelemente GmbH form the basis. The installation examples are for illustration purposes only and are a general, non-binding recommendation. The design is shown in schematic form only and does not replace the necessary work, detail and installation planning by the contractor. The customer, planner, contractor, etc. is responsible for checking the suitability, completeness and dimensions for the project and adjusting or tailoring the components to suit local requirements. Neighbouring works are shown in schematic form with no guarantee of their being complete or correct. The technical specifications in the information sheets, workmanship guidelines and system permits must be adhered to.

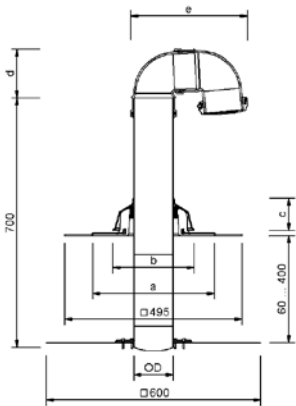
SitaFireguard® pipe lead-through



Tender text

SitaFireguard® pipe lead-through, for preventive fire protection and to prevent the spread of fire from below where there are small flammable penetrations according to DIN 18234 Part 3 and 4, for cable and pipe lead-throughs up to 28 mm, consisting of: fire protection pipe made of stainless steel with securing flange for fixing to the reinforcement plate and for clamping the vapour barrier, 680 mm long, for insulating material thicknesses of 60 mm to 400 mm, removable 87.3° bend made of PP with vapour barrier cap made of EPDM, PUR base plate with foamed-in connection sleeve of choice (495 mm x 495 mm), seven-lip sealing ring and rain deflector made of polyamide, with a reinforcement plate according to DIN EN 1090-4, including fire protection plug, supply and install to professional standards.

Technical drawing



DN	OD*	a (mm)	b (mm)	c (mm)	d (mm)	e (mm)	Bridging of thermal insulation min. (mm)	Bridging of thermal insulation max. (mm)	Article number
100	110	340	228	90	181	308	60	400	F 30 51 xx
150	160	376	278	93	281	480			F 30 52 xx

* OD = Outer diameter (mm)

xx = Article end numbers for connection sleeve of choice

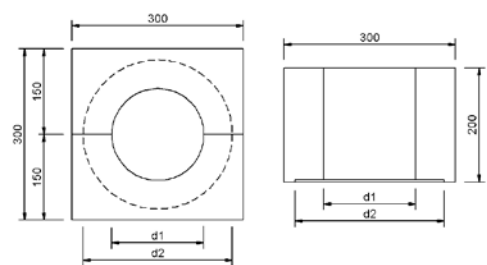
SitaFireguard® pipe lead-through insulating body mineral wool



Tender text

SitaFireguard® pipe lead-through insulating body, made of mineral fibres, WLG 040, height 200 mm, material class A1 (not flammable), application type DAA dm according to DIN 4108-10, compressive stress ≥ 70 kPa. For thermal insulation and installation aid for positioning the fire protection pipe and the SitaFireguard® pipe lead-through, supply and install to professional standards.

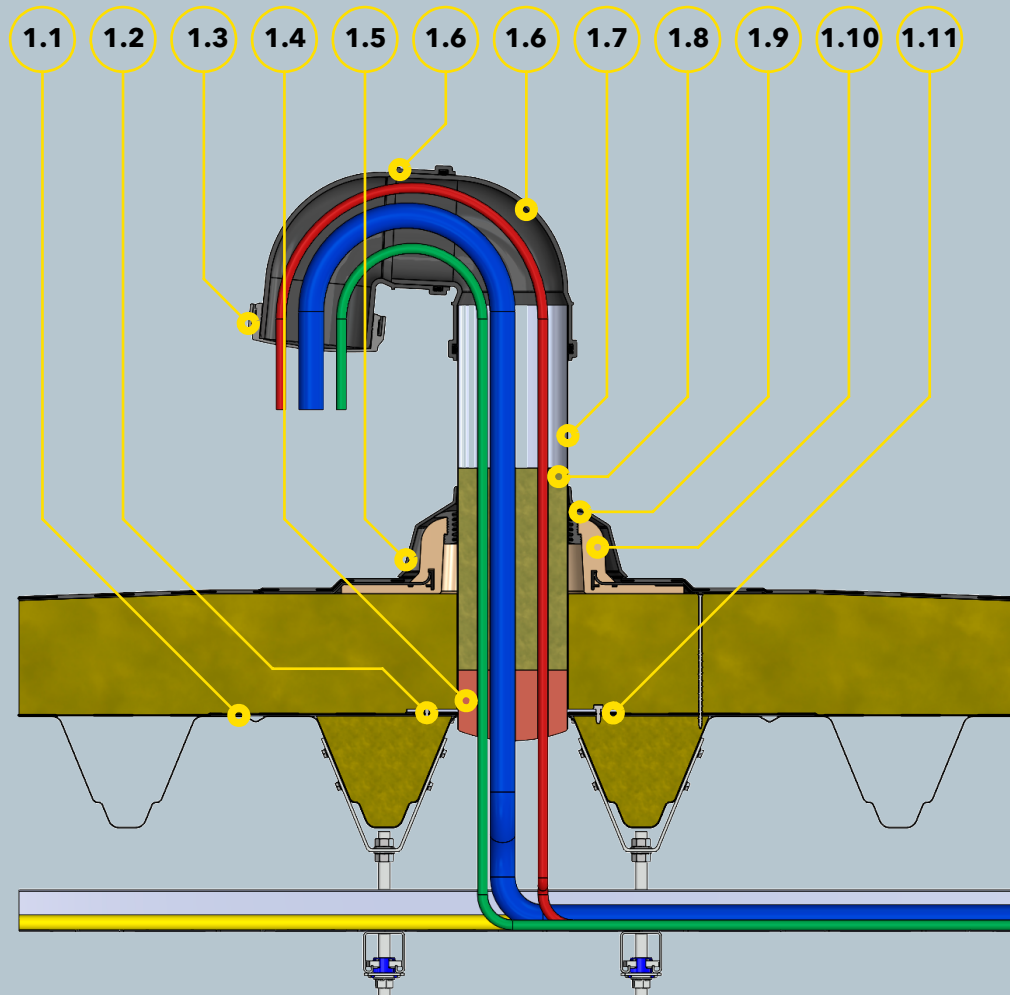
Technical drawing



Compatibility	d1 (mm)	d2 (mm)	Bridging of thermal insulation min. (mm)	Bridging of thermal insulation max. (mm)	Article number
SitaFireguard® pipe lead-through DN 100	111	211	80	200	E 10 96 15
SitaFireguard® pipe lead-through DN 150	161	261			E 10 96 16

SitaFireguard® pipe lead-through

SitaFireguard® pipe lead-through in a non-ventilated roof structure



Components

SitaFireguard® pipe lead-through consisting of:

- 1.1 Reinforcement plate
- 1.2 Set of screws
- 1.3 Vapour barrier cap
- 1.4 Fire protection plug
- 1.5 Rain deflector
- 1.6 Pipe bend
- 1.7 Fire protection pipe with securing flange
- 1.8 Non-flammable loose mineral wool
- 1.9 Sealing ring
- 1.10 Base plate
- 1.11 Sealing sleeve

Roof structure

Non-ventilated roof structure to the general rules of engineering with:

- + Sealing
- + Thermal insulation non-flammable, min. 1.0 m x 1.0 m
- + Vapour barrier
- + Non-flammable section fillers
- + Steel trapezoidal section