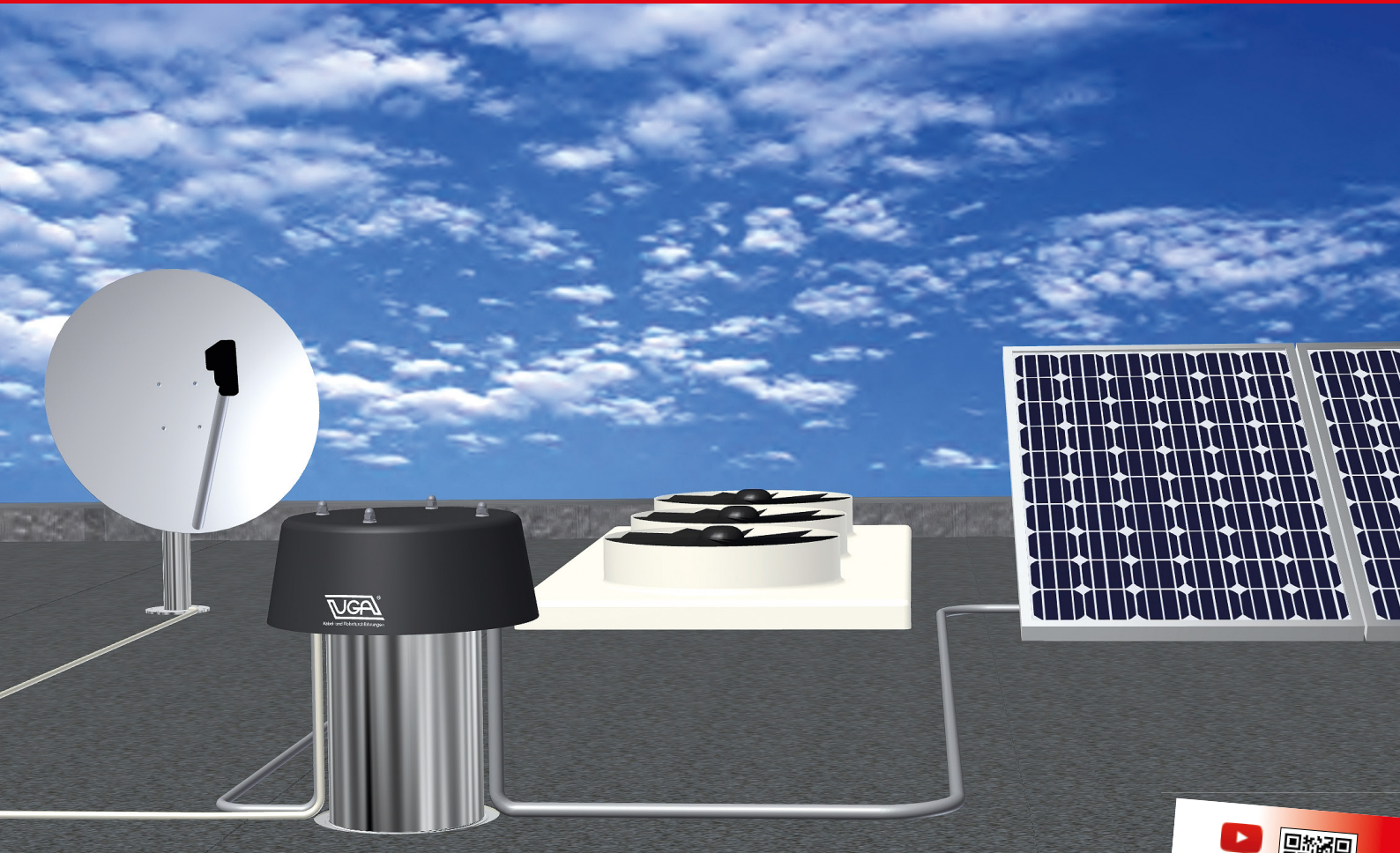


FDD

Flat roof entry



**24 hour delivery
service**

**Quality
guarantee**



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sales network**

**Service hotline
+49 7324 9696-33**

Flat roof entry FDD

for feedthrough of pipes and cables through flat roofs

Non-combustible – Thermally insulated – Tight

► Flat roof entry FDD

A non-flammable, heat-insulated, flexible feedthrough for lines through flat roofs: The FDD from UGA!

For easy feedthrough of pipes, cables and lines through the flat roof. With the FDD from UGA, all rules and regulations such as: State building regulations, MLAR, EnEV, DIN and EN standards (e.g. 4102, 18234), thermal insulation regulations etc. are complied with.

Area of application

Watertight and thermally insulated feedthrough of cables and lines in flat roofs for satellite systems, refrigeration systems, fans for ventilation systems, photovoltaic systems, solar panels, air conditioning systems.

Flat roof entry FDD

Available variants:



FDD with adhesive flange

Product name:

FDD100-KF

Flat roof entry FDD-KF, thermally insulated, non-flammable (A1), DN 100 with adhesive flange, height 410 mm

Product name:

FDD160-KF

Flat roof entry FDD-KF, thermally insulated, non-flammable (A1), DN 160 with adhesive flange, height 475 mm



FDD with foil flange

Product name:

FDD100-FF/(foil flange*)

Flat roof entry FDD-FF, thermally insulated, non-flammable (A1), DN 100 with foil flange, height 410 mm

Product name:

FDD160-FF/(foil flange*)

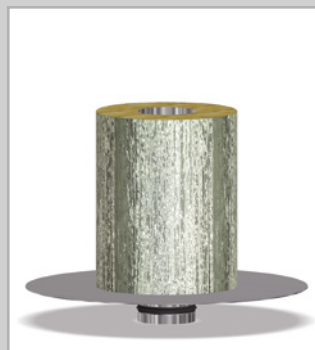
Flat roof entry FDD-FF, thermally insulated, non-flammable (A1), DN 160 with foil flange, height 475 mm

*Foil flange versions:

PIB Rhepanol, EVA-VAEPlan, PVC Rhenofol, FPO Flagon, EVA Evalon, FPO Thermoplan, PVC Sikaplan
FPO Sarnafil, EPDM Novoproof

► Advantages and uses

- **Very easy installation**
- **Non-combustible (building material class A1)**
- **Energy savings through thermal insulation (W/mk 0.040)**
- **Fulfills all current regulations in the areas of fire protection, thermal insulation, sound insulation and energy saving**
- **Variable heights from 410 or 475 mm to 1250 mm (on request)**
- **Storm-proof, UV and weather-resistant**
- **Free choice of direction of the lines (360°)**
- **Can be used with bitumen sheeting and also with commercially available foil sealing sheeting**



FDD-IDE insulating roof elements for FDD with adhesive flange and FDD with foil flange

Product name:

FDD100-IDE/(H)

Flat roof entry FDD-IDE, insulating roof element, thermally insulated, non-flammable (A1), DN 100 for max. insulation thickness 200 / 300 / 400 mm, can be shortened individually to 80 mm

Product name:

FDD160-IDE/(H)

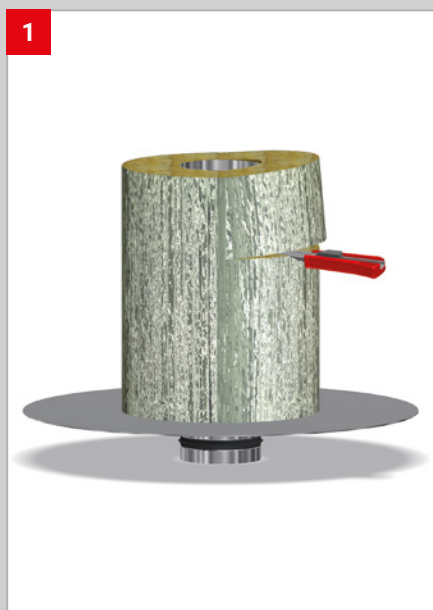
Flat roof entry FDD-IDE, insulating roof element, thermally insulated, non-flammable (A1), DN 160 for max. insulation thickness 200 / 300 / 400 mm, can be shortened individually to 80 mm

If you are interested in this system, please send us an e-mail to info@uga.eu

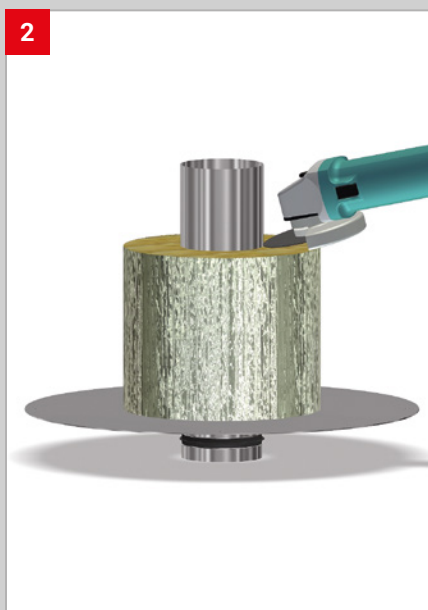
Of course, your personal contact from UGA will be happy to answer any questions you may have.

► Assembly process

Figures 1-3 only for roofs with insulation:



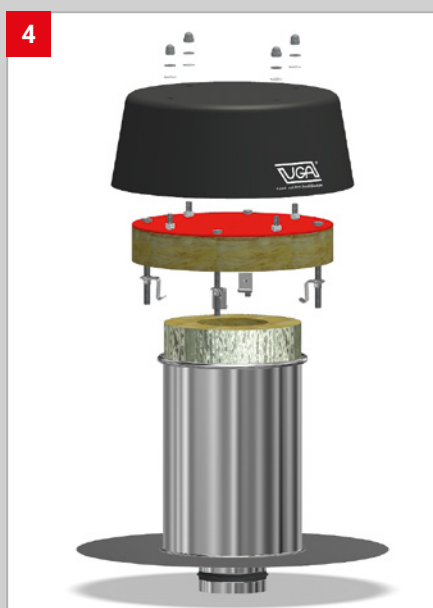
- Cut insulation of the insulating roof element to the required position and remove it



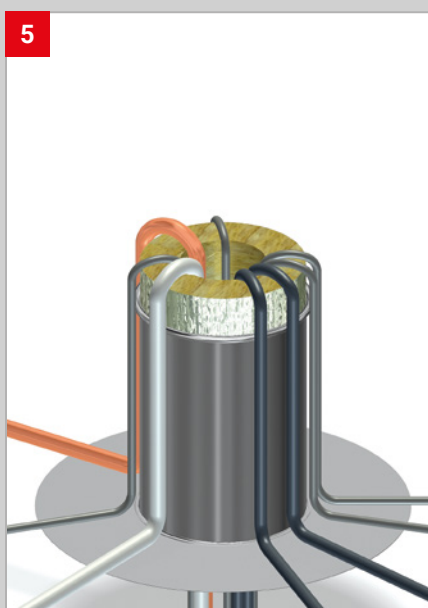
- Shorten the inner pipe to the same height



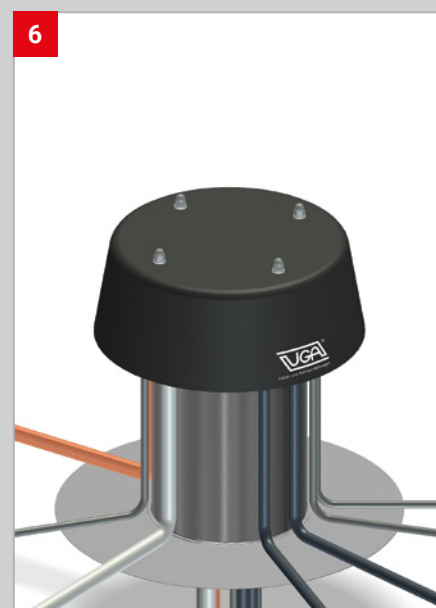
- Insert FDD (D)/KF or FDD (D)/FF into the insulating roof element after roof insulation work and continue with the remaining roof work



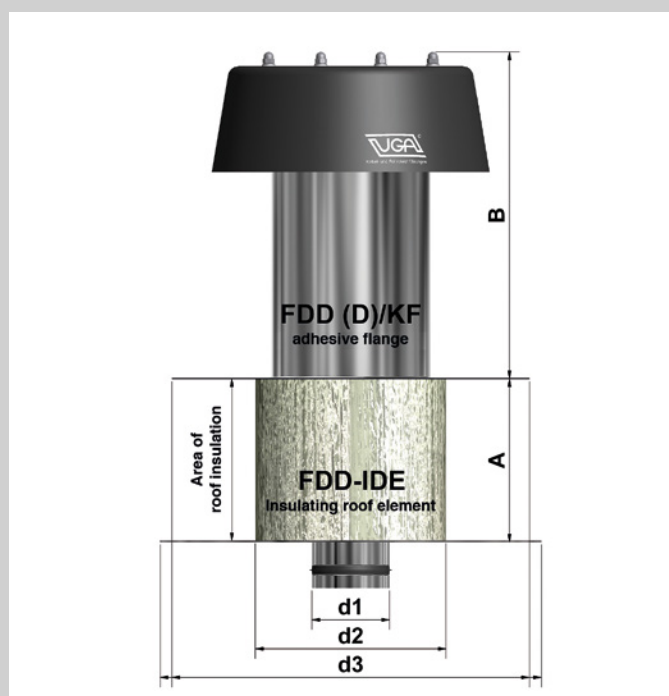
- Loosen and remove the cap nuts on the weather cap
- Lift off the weather cap
- Loosen screws on the press plate
- Unhook the hook
- Lift off the press cover



- Guide the cables through the Flat roof entry



- Put on the press cover
- Hang in the hook
- Tighten the screws on the press plate
- Replace the weather cap
- Tighten the cap nuts on the weather cap

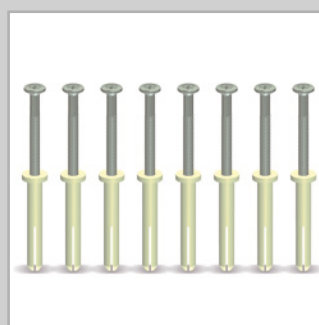


► Dimensions

Dimension table specifications for standard sizes (mm)						
	A	B	d3		d2	d1
	FDD-IDE	FDD	FDD-IDE	FDD	FDD-IDE	FDD-IDE
DN100	300	410	480	450	240	98.5
DN160	300	475	540	510	400	158.5

Additional variants are available on request.

► Accessories

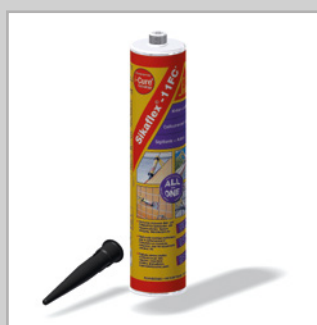


Nail plug set

Product name:

FDD-ND set

8 nail plugs for mounting the insulating roof element

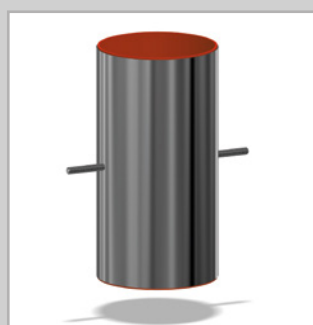


SikaFlex-11FC

Product name:

SikaFlex 11 FC

For sealing the flange plates of Flat roof entry FDD-KF, Flat roof entry Insulating roof element FDD IDE



Cover sleeve

Product name:

FDD100-DH/(L)

Cover sleeve for concreting/grouting the ceiling for mounting Flat roof entry FDD-KF, Flat roof entry Insulating roof element FDD IDE

Product name:

FDD160-DH/(L)

Cover sleeve for concreting/grouting the ceiling for mounting Flat roof entry FDD-KF, Flat roof entry Insulating roof element FDD IDE