

Technical data sheet

FLECK Flat roof- base element with integ- rated backflow seal

DN 70 bis DN 150



Download Product information
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Product Description

FLECK flat roof base units provide a proven solution for the professional installation of roof vents, roof drains and cable penetrations on flat roofs. They form a robust interface between the roof waterproofing membrane and the roof components installed above.

Designed specifically for the requirements of flat roof systems, each base unit is factory-fitted with an integrated internal backflow seal. This allows roof vents, roof drains and swan neck terminals to be installed quickly and securely without the need for adhesive bonding.

Compatible with:

- 4 in 1 Flat roof vent CLASSIC with CLASSIC system pipes (DN 90 - DN 125)
- 4 in 1 Flat roof vent MAX with MAX system pipe (DN 150)
- Flat roof soil vent DN 150
- Flat roof plumbing vent DN 70 - DN150 ($\geq$ DN 90 in combination with 4 in 1 CLASSIC system pipes)
- Flat roof gullys, flat roof drains and emergency overflows
- Flat roof goose neck DN 70 - DN 150

Applications

- Supply and extract ventilation systems
- Flat roof drainage systems
- Cable and pipe penetrations

Material Specifications

- Main components manufactured from weather-resistant, high-performance rigid PVC (uPVC)
- Backflow seal: EPDM
- Version with bitumen collar: PYE PV 200 S4 bitumen membrane (root-resistant in accordance with DIN EN 13948)

Fire Classification

- Class B2 according to DIN 4102-4

Technical Advices

- Install the base element in accordance with the applicable national standards and recognised roofing practice.
- Refer to the table on page 2 for the required core drilling dimensions.

Additional Information

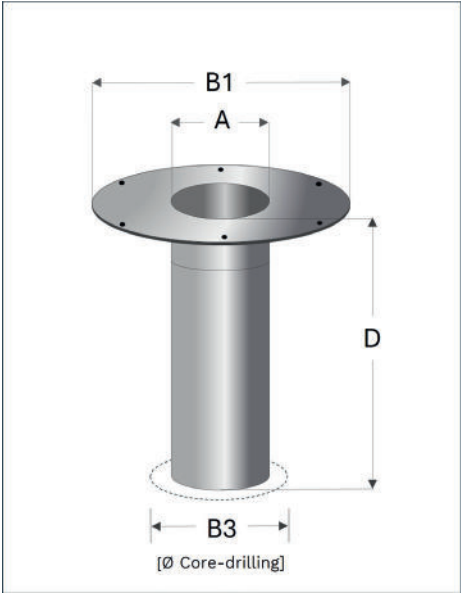


Pipe selection guide
fleck-dach.de/downloads

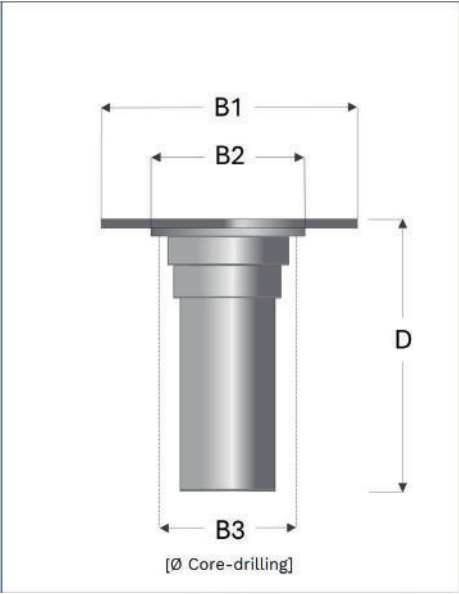
- Accessories
- customer individual pipe lengths are available

Sketches / Tables

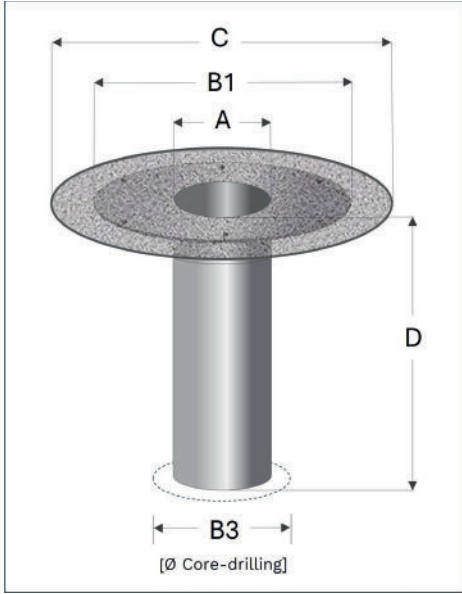
PVC-flange



PVC-flange (side view)



Bitumen collar



Flange or collar material	Nominal diameter	Flange or collar geometry	Dimensions [mm]					
			A	B1	B2	B3 [Ø Core drilling]	C	D
Rigid PVC flange	DN 70	round	75	295	-	ca. 100	-	395
	DN 90		90	350	-	ca. 110	-	
	DN 100		110	295	-	ca. 130	-	
	DN 125		125	350	-	ca. 145	-	
	DN 150		160	350	-	ca. 180	-	
Bitumen collar	DN 70 *		75	295	200	ca. 100	470	
	DN 90		90	350	-	ca. 110	-	
	DN 100 *		110	295	200	ca. 130	470	
	DN 125		125	350	-	ca. 145	470	
	DN 150		160	350	-	ca. 180	470	

* press-fitted

