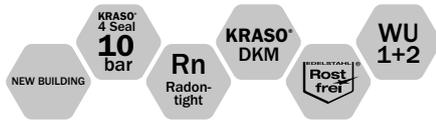


TECHNICAL DATA SHEET



KRASO® Floor Penetration Type FBV-BDF

Application areas

For installation in waterproof concrete base plates for a compliant integration of fresh concrete composite films laid on-site.

Technical details

- + Dimensionally and pressure stable solid wall material: low abrasion, installation even at lower temperatures
- + In accordance with DIN EN 1401 or DIN EN 14758 (DN 110)
- + Temperature resistant up to 60°C
- + Formed plug-in sleeve on one side, for connection to KG/HT pipes
- + Including **KRASO®** Cover as building period protective cover
- + **KRASO® FBV Sealing Flange** made of non-corrosive stainless steel V2A with 20 cm surrounding, square fresh concrete composite film
- + **Torque Control Nut KRASO® DKM**: integrated torque limiter - no torque wrench required!
- + **Independent of the manufacturer**: fresh concrete composite films (FBV) from any manufacturer can be integrated into the system at the factory

Tests

- + **KRASO®** 4 Seal - MPA-tested up to 10 bar!
- + IAF-tested: radon-tight!
- + DafStB waterproof concrete guideline: stress class 1 + 2



Material (Type BDF)

Pipe*	PVC
4 seal*	PVC
Cover	PP
Lip seal	SBR (for KG)

*FBV-BDF DN 110 pipe: PP-MD, 4 seal: TPE

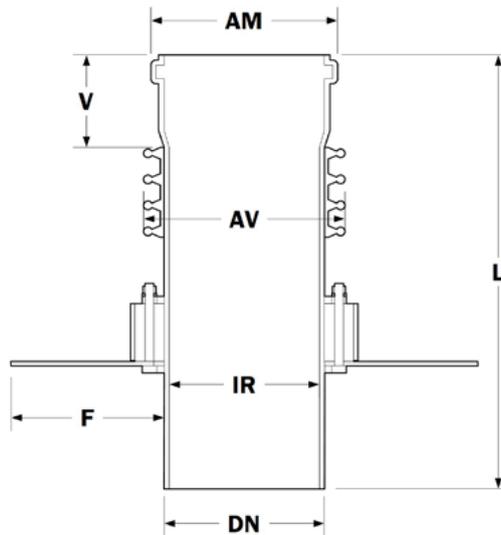
Material (FBV sealing flange)

FBV foil	according to customer specifications
Clamping plates	non-corrosive stainless steel V2A
Bolts	non-corrosive stainless steel V2A
Washers	non-corrosive stainless steel V2A
Nuts	Torque Control Nut KRASO® DKM
Sealing	EPDM 50° +/-5° Shore

TECHNICAL DATA SHEET

KRASO® Floor Penetration Type FBV-BDF

Technical drawing



DN = nominal diameter | **L** = length | **IR** = pipe interior | **AM** = sleeve exterior | **AV** = 4 seal exterior | **V** = top edge sleeve to 4 seal | **F** = FBV sealing flange (surrounding)

Item	DN (mm)	L (mm)	IR (mm)	AM (mm)	AV (mm)	V (mm)	F (mm)	Weight (kg)	Item no.
FBV-BDF	110	473	~103	~131	138	105	200	5.7	KFBVBDF110
	125	590	~118	~144	153	95	200	7.9	KFBVBDF125
	160	590	~152	~182	188	100	200	11.9	KFBVBDF160
	200	590	~188	~224	228	115	200	16.9	KFBVBDF200
	250	590	~234	~286	278	50	200	19.1	KFBVBDF250
	315	590	~295	~356	343	50	200	22.0	KFBVBDF315
	400	590	~375	~447	428	65	200	31.4	KFBVBDF400
	500	590	~469	~560	528	90	200	40.6	KFBVBDF500