IKO power Drain V

Description:

The ***IKO power Drain V*** range consists of drains with PE pipe specifically designed for the vertical drainage of rainwater from flat roofs.

The patented expansion system provides a watertight fastening of a 4 mm-thick bitumen slab (APP) with composite reinforcement to a 600 mm Geberit PE pipe. This results in fast, efficient and reliable flow.

Thanks to the membrane, the drain can be perfectly fused with IKO bitumen sheeting without interrupting the roof structure. The sanded top layer makes moisture visible, which can be resolved when overlaying with the top layer. The MMP underside allows for flame torching or cold welding of the drain.

There is no condensation in the Geberit PE pipe that runs through the roof structure during rainwater drainage. The drain can be connected to the rainwater drainage system by means of standard sleeves or through PE welding.

Installation

- Heat the underlay with a roofing blow torch.
- Cut the length of the PE pipe to size and press the drain into the opening provided.
- Heat the bitumen slab of the drain and push it into the warm underlay.
- Always make sure that a bitumen track appears at the end of the slab. This bitumen track guarantees the drain is waterproof.
- Then burn the finishing coat over the drain and mark the opening of the drain hole.
- Let the roofing sheets cool down.
- Now clear the opening of the drain hole with a knife or trowel applied hot with a roofing blow torch.

Composition

Bitumen slab:

- 4 mm APP (in accordance with IKO powergum 4 T/MMP ATG 1337 tested)
- Composite reinforcement
- Sand / MMP finishing for flame-welded or cold-welded applications
- PE pipe 600 mm long*

*1200-mm long pipe with aluminium reinforcement at the bottom of the slab available in diameter 75-90-110



Sizing and palletization:

Description	External diameter	Pipe Thickness	Diameter slab	Packaging	Article number
IKO power Drain V 50 L 600	Ø 50mm	3.0mm	325mm	40pcs/box – 360pcs/pal	05561000
IKO power Drain V 63 L 600	Ø 63mm	3.0mm	325mm	24pcs/box – 216pcs/pal	05561010
IKO power Drain V 75 L 600	Ø 75mm	3.0mm	325mm	24pcs/box – 216pcs/pal	05561020
IKO power Drain V 90 L 600	Ø 90mm	3.5mm	325mm	20pcs/box – 180pcs/pal	05561030
IKO power Drain V 110 L 600	Ø 110mm	4.3mm	400mm	17pcs/box – 153pcs/pal	05561040
IKO power Drain V 125 L 600	Ø 125mm	4.9mm	400mm	15pcs/box – 135pcs/pal	05561050
IKO power Drain V 160 L 600	Ø 160mm	6.2mm	480mm	8pcs/box – 72pcs/pal	05561060
IKO power Drain V 200 L 600	Ø 200mm	6.2mm	480mm	4pcs/box – 36pcs/pal	05561070

Always use a suitable pallet hoisting hook for vertical transport.

FLOW RATES ACCORDING TO EN 1253-3

DN/DE - DI	Water Height (mm)	10	15	20	25	30	35	40	45	50	55	60
PE 75 - 69	Flow Rate (L/s)	0,9	1,5	2,1	3,1	4	5	6,1	8	10	11	12,1
PE 90 - 83		0,9	1,9	2,7	3,4	4	5,1	6,1	8,1	10	12,1	14
PE 110 - 102		0,9	1,9	3	4	5,2	5,9	8	9	10,5	12,1	14,1
PE 125 - 115		1	2,1	3,2	4,1	6,1	7	8	9,9	12,1	14,1	17
PE 160 - 148		1	3	4,2	5	6,1	8	10,1	12	14	17,1	20,2
PE 200 - 185		1	3,5	4,2	5,1	7,1	9,1	11	14,1	17,2	20	23