# IKO power Drain Shield

## Description:

The **IKO Power Drain Shield** range consists of outlets with a **steel pipe**, specifically developed for **vertical rainwater drainage** on flat roofs, directly connected to the **bituminous vapour control layer**. This system can be connected directly to the rainwater drainage system and ensures a permanent waterproof seal at the level of the vapour control layer.

The patented expansion system ensures a **watertight connection** between a **4 mm thick bituminous slab (APP)** with composite reinforcement and a **410 mm long aluminium pipe** covered with a **PE casing of the same diameter**. This results in fast, efficient, and reliable installation.
On the underside of the bituminous slab, an **aluminium mounting plate** is provided, enabling **mechanical fixing** to the roof structure.

When the final drain is inserted into the opening, the vapour control drain ensures a **perfect airtight and watertight seal** of the drainage system.
Any risk of rainwater backflow is also eliminated.

## Installation

- Heat the underlay with a roofing blow torch.
- 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



## Sizing and palletization:

| Description | External diameter | Pipe length | Diameter slab | Packaging | Article number |
|---|---|---|---|---|---|
| IKO power Drain Shield 75 | Ø 50mm | 410mm | 330mm | 10st/box–60st/pal | 05561500 |
| IKO power Drain Shield 90 | Ø 63mm | 410mm | 330mm | 10st/box–60st/pal | 05561510 |
| IKO power Drain Shield 110 | Ø 75mm | 410mm | 350mm | 8st/box–48st/pal | 05561520 |
| IKO power Drain Shield 125 | Ø 90mm | 410mm | 380mm | 8st/box–48st/pal | 05561530 |
| IKO power Drain Shield 160 | Ø 110mm | 410mm | 410mm | 8st/box–48st/pal | 05561540 |

**Always use a suitable pallet hoisting hook for vertical transport.**