

# Product Data Sheet

## CABLE PENETRATION UNIT

Accessories

**50mm Ø fitting**

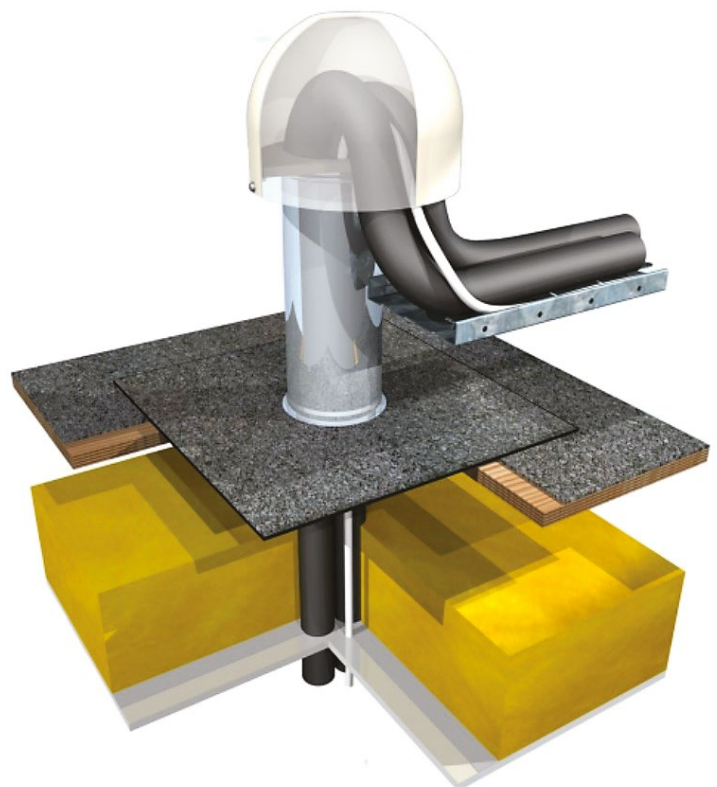
**110mm Ø fitting**

**150mm x 150mm**

Axter cable penetration units facilitate the passage of cables and pipes through the waterproofing layer without compromising the integrity of the roof covering. Variations of the unit are available for use with all types of roof waterproofing system including SBS bitumen (warm and inverted roof) and synthetic PVC single ply.

The Cable Penetration Unit features a stainless steel upstand with a removable cowl and a choice of factory fitted flange options (on 50mm and 110mm Ø fitting option):

- SBS underlay flange for use with Axter bitumen systems
- light grey generic PVC single ply flange for use with Axter Ecoflex/Ecoline PVC systems

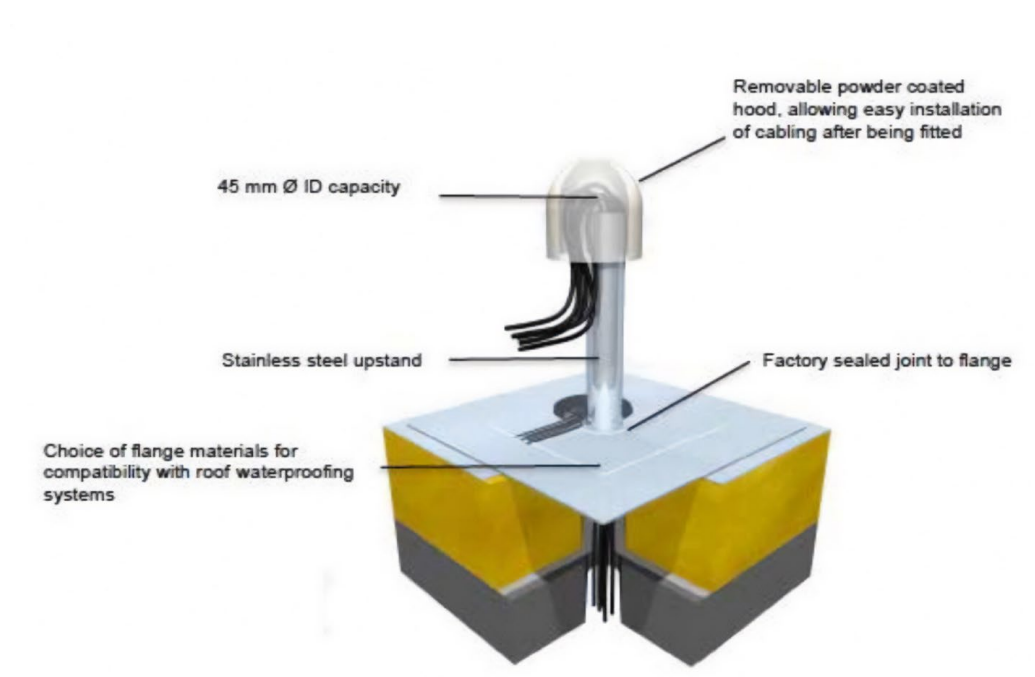


The advantage of this design is that once fitted, either at the time of installing the waterproofing or afterwards, the cowl can be removed to enable cabling to be completed with ease.

The sturdy stainless steel duct has a fixing plate under the flange to allow the unit to be securely fastened in position before being joined to the roofing system. The weather and UV resistant polyester powder coated hood is secured in position by four stainless steel screws (provided).

### 50mm Cable Penetration Unit – provides a 50mm dia. stainless steel upstand

A 50mm ready made cable penetration fitting providing a neat and versatile solution for smaller cabling passing through the roof. Use for PV cabling for solar panels, lightning conductors, small diameter cables, IT cabling. Available with flange options described above, with factory sealed joint to flange.

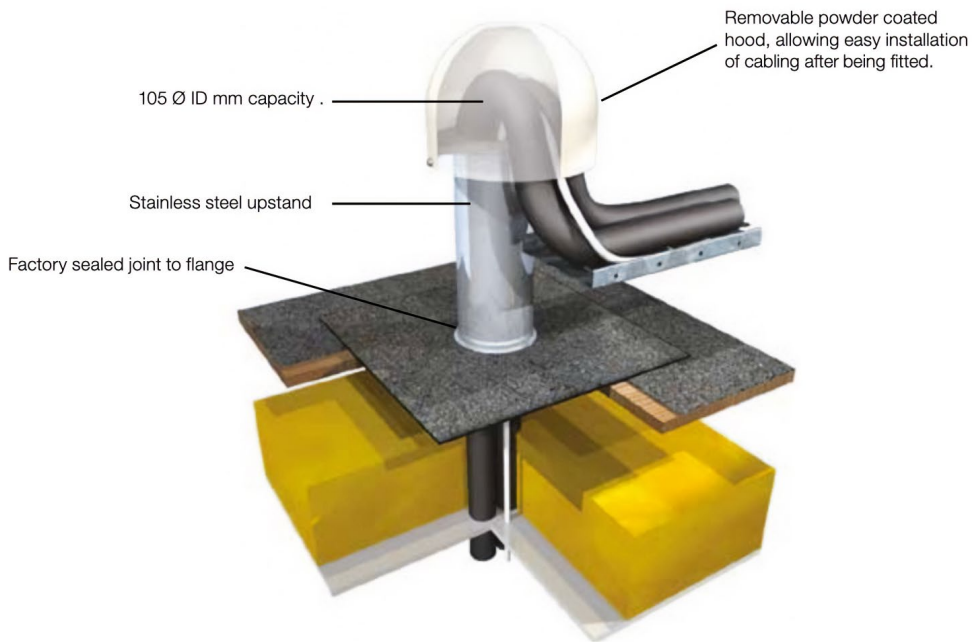


Compatibility	
Roof construction type	Warm roof, cold roof
Roof covering type	SBS/APP, single ply, GRP, hot melt, liquid applied, membrane composite Not suitable for hard metal, trapezoidal, aluminium
Retrofit	Retrofit to existing roof but not to existing cables
Dimensions	
Overall height	360mm/460mm/660mm (with SBS flange) 360mm (with PVC flange)
Cowl diameter	120mm Ø
Clear ID	45mm Ø
Upstand	300mm/400mm/600mm (with SBS flange) 300mm (with PVC flange)

### 110mm Cable Penetration Unit – provides a 110mm dia. stainless steel upstand

A 110mm ready made cable penetration fitting providing a neat and versatile solution for smaller cabling passing through the roof. Use for feeds for thermal solar panels, electrical cables, IT cabling, aircon feeds for split units, armoured cables, multiple cabling.

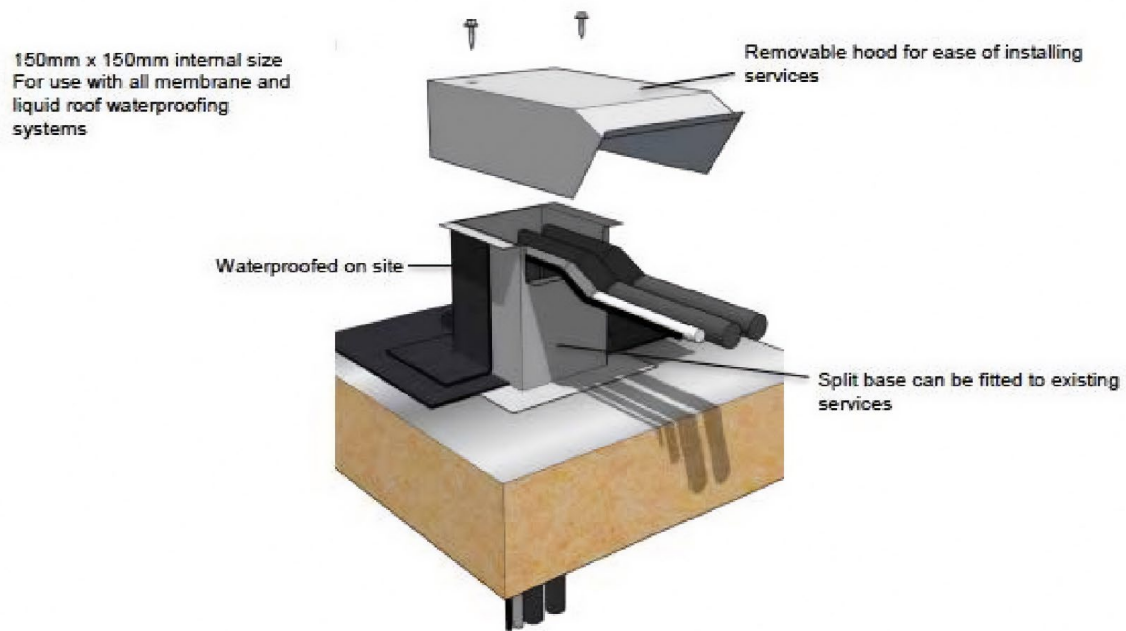
Available with flange options described above, with factory sealed joint to flange.



<b>Compatibility</b>	
Roof construction type	Warm roof, cold roof
Roof covering type	SBS/APP, single ply, GRP, hot melt, liquid applied, membrane composite Not suitable for hard metal, trapezoidal, aluminium
Retrofit	Retrofit to existing roof but not to existing cables
<b>Dimensions</b>	
Overall height	426mm/526mm/726mm (with SBS flange) 426mm (with PVC flange)
Cowl diameter	215mm Ø
Clear ID	105mm Ø
Upstand	426mm/526mm/726mm (with SBS flange) 426mm (with PVC flange)

## 150mm Cable Penetration Unit

A sturdy 150mm ready-made cable penetration fitting providing a neat and versatile solution for cabling for solar thermal PV installations, lightning conductors, general cabling, air con services, IT cabling. The split base allows the unit to be fitted around existing service penetrations, making it ideal for refurbishment projects as well as new constructions. The 150mm unit is made from aluminium and is waterproofed on site, so can be used with all roofing systems. It comes in two standard sizes including an extended height option (400mm) for inverted roofs.



<b>Compatibility</b>	
Roof construction type	Warm roof, cold roof
Roof covering type	SBS/APP, single ply, GRP, hot melt, liquid applied, membrane composite Not suitable for hard metal, trapezoidal, aluminium
Retrofit	Retrofit to existing roof but not to existing cables
<b>Dimensions</b>	
Overall height Code PP/150-200 Code PP/150-400	205mm 455mm
Overall width	210mm Ø
Overall length	350mm Ø
Service opening	150mm x 50mm

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