

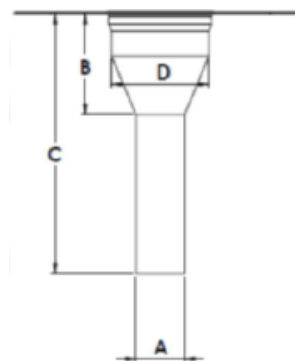
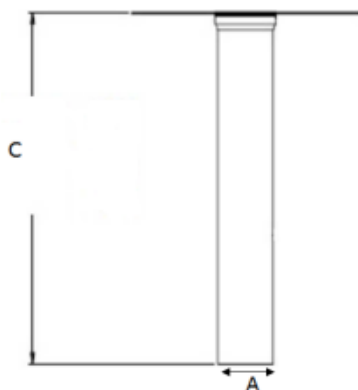
DRAINI TPO

DRAINI TPO is used as a rainwater outlet on roofs in combination with TPO waterproofing membranes.

DRAINI TPO is composed of a flexible TPO flange reinforced with glass fleece and an aluminum outlet pipe assembled by a patented seam method.

DRAINI TPO is available in 2 versions:

- **DRAINI DROITE TPO**
with a straight outlet pipe
- **DRAINI TRONCO TPO**
with a conical outlet pipe



User application

DRAINI TPO is a rainwater outlet intended to be used on waterproofed roofs/terraces with TPO waterproofing system from Soprema range FLAGON.

DRAINI TPO is used outdoor only, and for vertical rainwater outlet.

All the applications are described in **SOPREMA's** Technical Guidelines, Technical Approval in force.

Characteristics

| DRAINI TPO | |
|--|--|
| Flange | <ul style="list-style-type: none"> - TPO* synthetic membrane FLAGON EP/PV - Reinforcement: glass fleece - Nominal thickness: 1.5 mm ±5% |
| Outlet pipe | Aluminium |
| *According to UEAtc directives concerning the normalization of waterproofing made of FPO coverings & the Technical Approval FLAGON EP/PV from CSTB | |

Characteristics

| DRAINI DROITE TPO (straight pipe) | | | DRAINI TRONCO TPO (conical pipe) | | | |
|-----------------------------------|-------------------------------|-----------------------------|----------------------------------|---------------------------------|-------------------------------|-----|
| Flange Dimensions (mm) | Outlet pipe diameter (A) (mm) | Outlet pipe length (C) (mm) | Flange Dimensions (mm) | Outlet pipe diameter (A/D) (mm) | Outlet pipe length (B/C) (mm) | |
| | | | | | B | C |
| 320 x 320 | 50 ⁽¹⁾ | 600 ⁽³⁾ | 480 x 480 | 80/160 | 165 | 425 |
| 320 x 320 | 63 ⁽¹⁾ | | 480 x 480 | 95/190 | 185 | 445 |
| 390 x 390 | 75 ⁽²⁾ | | 550 x 550 | 120/240 | 225 | 485 |
| 390 x 390 | 85 | | 550 x 550 | 145/290 | 260 | 520 |
| 390 x 390 | 90 | | 650 x 650 | 195/390 | 335 | 595 |
| 480 x 480 | 95 | | | | | |
| 480 x 480 | 100 | | | | | |
| 480 x 480 | 110 | | | | | |
| 480 x 480 | 115 | | | | | |
| 480 x 480 | 120 | | | | | |
| 480 x 480 | 125 | | | | | |
| 480 x 480 | 145 | | | | | |
| 480 x 480 | 155 | | | | | |
| 480 x 480 | 195 | | | | | |

(1): Only for balconies and loggias
(2): Not allowed on steel deck, wood deck (minimal diameter required 85 mm)
(3): Diameters on request and under condition of a quantity ordered: 400 to 800 mm

Installation

Non fleece backed TPO membrane:

DRAINI TPO is applied and mechanically fastened by using 4 fasteners and plates, in each corner. The fixing plates need to be positioned no less than 3 cm from the perimeter weld. The waterproofing membrane is fully welded with hot air on the flange of the **DRAINI TPO**. The weld is checked with a welding tester.

Fleece backed TPO membrane:

Install the waterproofing membrane and mechanical fix it with at least 3 fixings around the cut out of the outlet pipe. The fixing plates need to be positioned no less than 3 cm from the perimeter weld. **DRAINI TPO** flange is fully welded with hot air on the waterproofing TPO membrane. The weld is checked with a welding tester.

Please refer to **SOPREMA's** Technical Guidelines.



SOPREMA

TECHNICAL DATA SHEET

n° MISFR182/a

Storage

DRAINI TPO rainwater outlets must be stored on a flat surface, protected away from bad weather and high temperature variations.

Depending on storage conditions, when exposed, pipes can show white traces of corrosion, which however do not affect the functioning.

Special indications

Hygiene, health and environment:

The product is not classified as dangerous according to French and European regulations.

Traceability:

DRAINI TPO product traceability is ensured through a manufacturing code present on the outlet pipe.