DRAINI
BTM

TECHNICAL DATA SHEET

ANZ-TDS-82-2-DRAINI BTM

ACCESSORY PRODUCTS

APPLICATIONS

ROOFS

DESCRIPTION

The rainwater outlets DRAINI BTM are composed of a flexible flange made out of elastomer bitumen reinforced with a non woven polyester and an aluminium outlet pipe. The two components are assembled by a patented seam method.

The DRAINI BTM is used as a rainwater outlet on roofs with bituminous waterproofing membranes.
The flange is compatible with bituminous membranes (polymer, plastomer and elastomer) in the Soprema range.

APPLICATION

ON MASONRY

- Insert the DRAINI BTM in the drain pipe after applying the first layer of the waterproofing system.
- Weld the flange onto the first waterproofing layer.
- Afterwards apply the second waterproofing layer whist completely covering the flange.
- Let the waterproofing membrane cool down for a few minutes and carefully cut out the hole of the outlet pipe.
- Consult the local guidelines concerning the placement and dimensioning of water evacuation.

ON STEEL OR WOOD DECK

- Insert the DRAINI BTM in the drain pipe BEFORE applying the first layer of the waterproofing system.
- The flange of DRAINI BTM is mechanically fastened by using 4 fasteners and plates
- Cover the fasteners with a 15 cm x 15 cm waterproofing membrane.
- apply the first and second layer of the waterproofing system weld onto the flange.
- Let the waterproofing membrane cool down for a few minutes and carefully cut out the hole of the outlet pipe.
- Consult the local guidelines concerning the placement and dimensioning of water evacuation.

ALWAYS CONSULT THE LOCAL REGULATIONS (LOCATION, SIZING, ...)
FOR COMPLETE INFORMATION ON PRODUCT INSTALLATION, PLEASE CONSULT YOUR SOPREMA REPRESENTATIVE.

PACKAGING

SPECIFICATIONS	DRAINI BTM	
	FLANGE	OUTLET PIPE
Material	SBS elastomeric bituminous membrane	aluminium
Reinforcement	250 g/m² non-woven polyester	-
Finish upper/lower side	thermofusible film	-
Thickness	2,50 mm ±5 %	-

VISUAL

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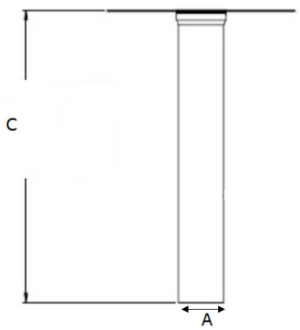
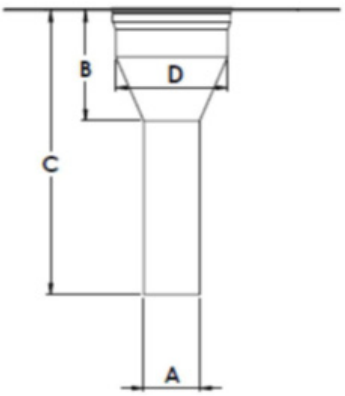
PROPERTIES

DRAINI DROITE BTM			DRAINI TRONCO BTM		
Dimensions flange	Diameter outlet pipe (A)	Length outlet pipe (C)	Dimensions flange	Diameter outlet pipe (A / D)	Length outlet pipe (B / C)
320 mm x 320 mm	50 mm	600 mm	-	-	-
320 mm x 320 mm	75 mm		480 mm x 480 mm	80 mm / 160 mm	165 mm / 425 mm
390 mm x 390 mm	85 mm		480 mm x 480 mm	95 mm / 190 mm	185 mm / 445 mm
390 mm x 390 mm	95 mm		550 mm x 550 mm	120 mm / 240 mm	225 mm / 485 mm
480 mm x 480 mm	100 mm		550 mm x 550 mm	145 mm / 290 mm	260 mm / 520 mm
480 mm x 480 mm	120 mm		650 mm x 650 mm	195 mm / 390 mm	335 mm / 595 mm
480 mm x 480 mm	155 mm		-	-	-
480 mm x 480 mm	195 mm		-	-	-



DRAINI DROITE BTM
with straight outlet pipe



DRAINI TRONCO BTM
with conical outlet pipe

DRAINI
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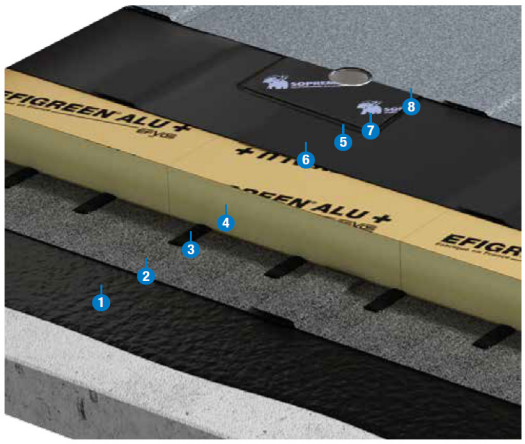
Example of installation on a load-bearing masonry structure with SOPREMA double-layer elastomeric self-protecting SBS waterproofing membrane.

1- Primer
2- Vapour barrier
3- Soprema Adhesive
4- Sopra-iso insulation
5- Area cut out of insulation
6- 1st layer of SOPREMA waterproofing membrane
7- The Draini® BTM Alu flange is welded onto the first waterproofing layer.
8- 2nd layer of SOPREMA waterproofing membrane



INSTALATION

1- Insert the Draini® stormwater un-off into the drain pipe after applying the 1st layer of the waterproofing system.

2- Fold the flange over.

3- Weld the flange onto the 1st waterproofing layer.

4- Use the gauging trowel to consolidate the weld seams of the flange with the 1st waterproofing layer.

5- Apply the second waterproofing layer by thermo-welding whilst completely covering the Draini® gutter outlet.

6- Allow the waterproofing layer to cool down for a few minutes and then carefully cut out the hole for the stormwater run-off using the gauging trowel.

STORAGE AND HANDLING

DRAINI BTM rainwater outlets must be stored on a flat surface, protected against atmospheric conditions.
When exposed, the aluminium pipe can show white traces of corrosion, which however do not affect the functioning.

STATEMENT OF RESPONSIBILITY

The technical information and application advice given in this publication is based on the present state of our best knowledge. As the information herein is of a general nature, no assumption can be made as to a product's suitability for a particular use or application and no warranty as to its accuracy, reliability or completeness either expressed or implied is given other than those required by Commonwealth or State Legislation. The owner, their representative and/or the contractor are responsible for checking the suitability of products for their intended use.