

SitaSani® DSS

Works well in refurbishments – under pressure.



SitaSani®
DSS

- + For existing siphonic drainage outlets with a pot diameter of 160 mm
- + With Airstop for siphonic drainage
- + With connection sleeve of choice or screw-on flange construction
- + Installed and sealed in no time



SitaSani® DSS



SitaSani® DSS
screw-on flange



SitaDSS Profi
retaining element

SitaSani® DSS

Product features at a glance:

Product features

Applications	For main and emergency drainage and for refurbishment of old siphonic drainage rainwater outlets in flat and slightly pitched, used and unused roof surfaces
Material	Polyurethane
Design	Vertical
Temperature resistance, min.	-20 °C
Temperature resistance, max.	80 °C
Material class	Euroclass E / B2 normal flammability
Properties	+ Not sensitive to the weather (UV/IR radiation, rain/snow, temperature, ozone, etc.) + Impact and shock resistant + Durable + Thermally insulated + Backflow safe up to a water column of 2 m
Workmanship	The general rules of engineering as well as the installation examples and installation instructions of Sita Bauelemente GmbH form the basis. The installation examples are for illustration purposes only and are a general, non-binding recommendation. The design is shown in schematic form only and does not replace the necessary work, detail and installation planning by the contractor. The customer, planner, contractor, etc. is responsible for checking the suitability, completeness and dimensions for the project and adjusting or tailoring the components to suit local requirements. Neighbouring works are shown in schematic form with no guarantee of their being complete or correct. The technical specifications in the information sheets, workmanship guidelines and system permits must be adhered to.

Quality mark

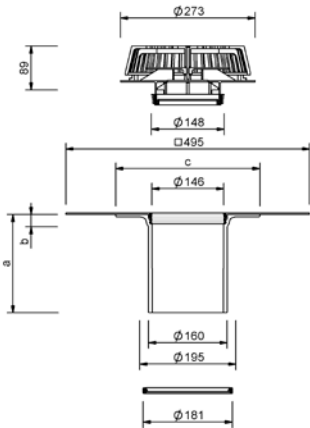




Tender text

SitaSani® 160 DSS refurbishment outlet, made of polyurethane, thermally insulated, for refurbishment of siphonic drainage roof outlets with a pot diameter of 160 mm, component length 200 mm or 550 mm, with foamed-in connection sleeve of choice for homogeneous connection of the roofing membrane, with fixing ring for additional securing of the connection sleeve and to hold the dome grate, including Airstop and sealing ring, supply and install to professional standards. You are responsible for checking the function of the existing seals.

Technical drawing



a (mm)	b (mm)	c (mm)	Article number
200	25	290	10 60 xx
550	60	320	10 61 xx

xx = Article end numbers for connection sleeve of choice

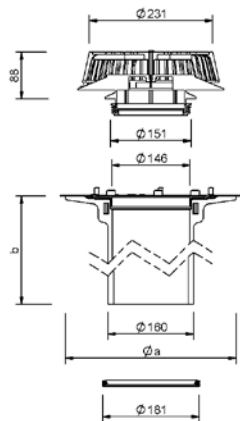
SitaSani® DSS screw-on flange



Tender text

SitaSani® 160 DSS screw-on flange refurbishment outlet, made of polyurethane, thermally insulated, for refurbishing siphonic drainage outlets with a pot diameter of 160 mm, component length 550 mm with pre-drilled holes for fastening the component in the substructure. With foamed-in insert ring for the supplied screws, loose aluminium flange and two sealing sleeves for clamping bitumen, plastic or EPDM roofing membranes, including Airstop and sealing ring, supply and install to professional standards. You are responsible for checking the function of the existing seals.

Technical drawing

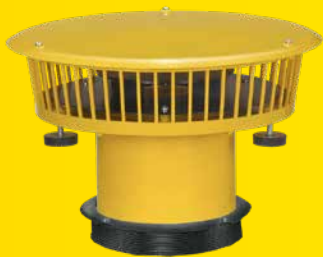


SitaSani®
DSS

a (mm)	b (mm)	Article number
320	550	10 61 99

SitaDSS Profi

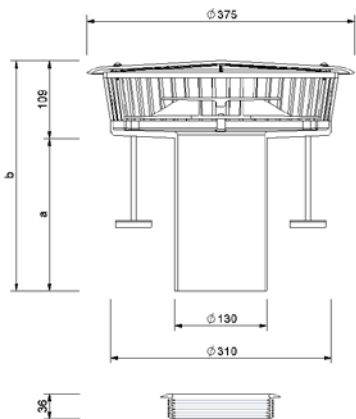
retaining element



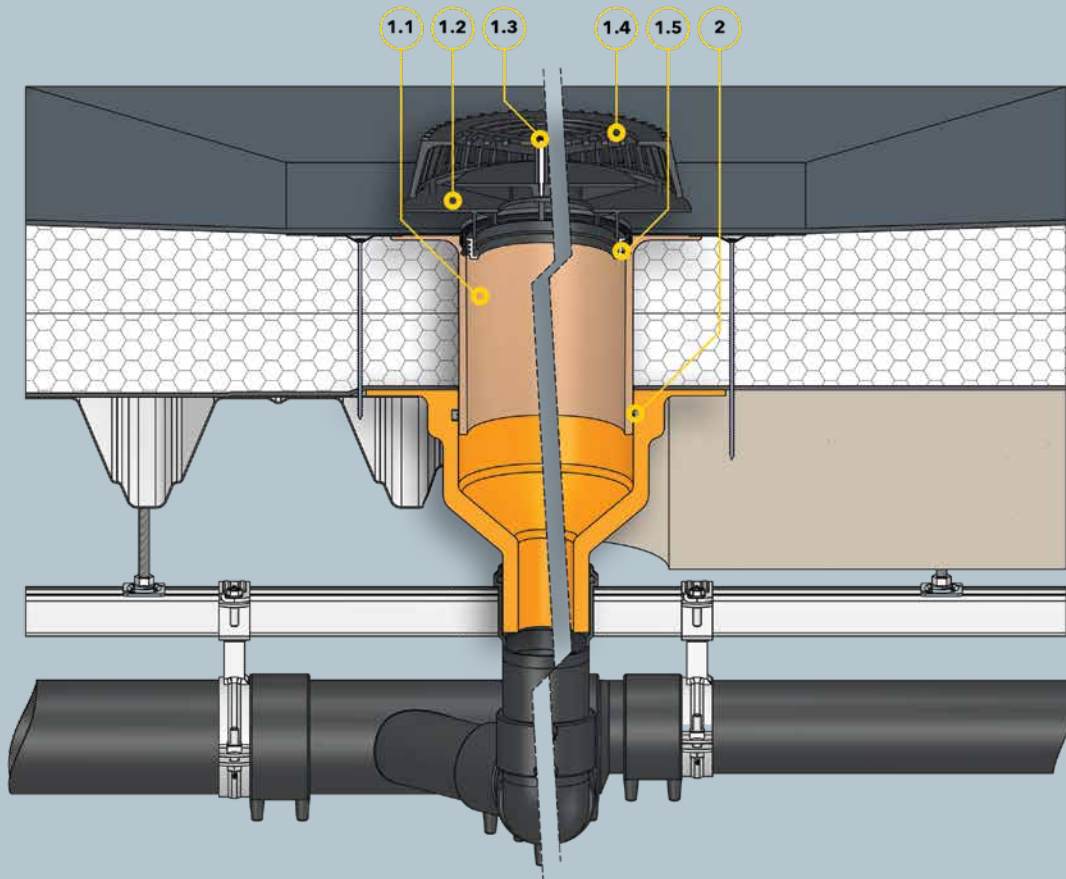
Tender text

SitaDSS Profi retaining element, made of polyamide, to DIN EN 1253-2, for SitaDSS Profi, SitaDSS Profi screw-on flange, siphonic drainage rainwater outlet and extension units for emergency drainage, adjustable height of the inlet edge of 25 mm - 200 mm, 105 mm - 85 mm or 150 mm - 135 mm, with multi-lip angled sealing ring to seal the retaining element against the roof outlet or extension unit. With three infinitely height-adjustable rubber-metal buffers, installation area per foot: 19.6 cm², with galvanised threaded rod M8 x 90 mm, M8 x 140 mm, M8 x 190 mm with bolted sealed cover which can be removed for inspection, housing with 51 surrounding ribs, in yellow signal colour. Retaining heights are infinitely adjustable, with large inlet pot to increase discharge capacity, supply and install to professional standards.

Technical drawing



Compatibility	Damming height from - to (mm)	a (mm)	b (mm)	Article number
SitaDSS Profi, SitaSani® 160 DSS	25 - 105	114	223	14 90 01
	85 - 150	214	323	14 90 11
	135 - 200			14 90 12



Components

SitaSani® 160 DSS consisting of:

- 1.1** Base body
- 1.2** Airstop
- 1.3** Installation screw
- 1.4** Dome grate
- 1.5** Fastening ring for Airstop
- 2** SitaSani® 160 DSS sealing ring

Roof structure

Non-ventilated roof structure to the general rules of engineering with:

- + Waterproof membrane
- + Thermal insulation
- + Vapour barrier
- + Substructure