

# SitaDSS Ravana Plus

Narrow but high capacity.



- + For narrow roof gutters
- + For liquid-applied waterproofing
- + Adhesive flange can be adjusted to the gutter geometry
- + With predrilled holes for fastening direct to the substructure

# SitaDSS Ravana Plus

## Product features at a glance:

### Product features

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Areas of use	For drainage to DIN EN 12056-3 and DIN 1986-100 for used and unused flat and gently sloped roofs and gutters
Material	Stainless steel
Material number	1.4301
Connection type	Liquid-applied compound
Design	Vertical
Colour	Silver
Finish	Smooth
Temperature resistance min.	-20 °C
Building material class	A1 non-flammable
General properties	Surface free of sharp edges
Properties	<ul style="list-style-type: none"><li>+ Excellent weather resistance (UV/IR radiation)</li><li>+ Resistant to normal environmental influences</li><li>+ Impact and shock resistant</li><li>+ Durable</li></ul>
Workmanship	<p>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.</p>

### Quality marks

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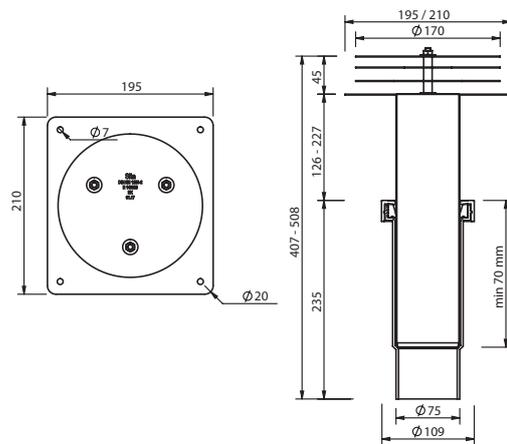
# SitaDSS Ravana Plus gutter rainwater outlet



## Tender text

**SitaDSS Ravana Plus**, gutter rainwater outlet for siphonic drainage for liquid-applied waterproofing compounds, made of stainless steel, material No. 1.4301, to DIN EN 1253-2 with increased quality standard to RAL quality mark GZ-694, in size DN/OD 70/75, with an adapter consisting of a socket DN 70 and an EPDM seal, suitable for electrofusion sockets, for direct connection to PE pipes to DIN EN 1519. With a drainage capacity to DIN EN 1253-2:2015-03 of 29.8 l/s with a head of water of 70 mm and fully-filled pipes, with prefabricated holes for fastening the component in the substructure, with three grub screws M6 x 55, washers and hexagon nuts, to accommodate the Airstop, supply including Airstop, and installation to professional standards.

## Technical drawing

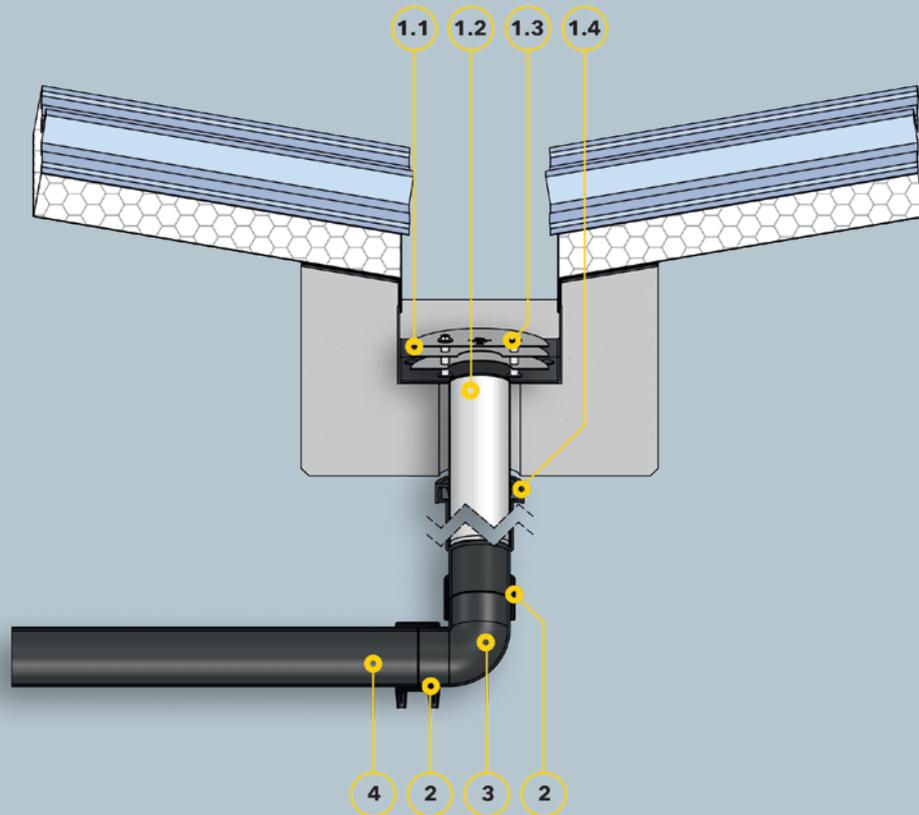


## Nominal diameter, drill hole and article numbers

Size DN	Opening/Core drill hole (mm)	Article number
70	100	28 10 99

## Drainage capacities in l/s to DIN EN 1253-2:2015

		Head of water (mm)					
40	50	53	54	63	70		
7.2	12.1	15.4	16.6	23.6	29.8		



### Components

SitaDSS Ravana Plus consisting of:

- 1.1 Airstop
- 1.2 Base body
- 1.3 Mounting mandrel for Airstop, washers and fastening nuts
- 1.4 Expansion socket
- 2 SitaDSS PE electrofusion socket
- 3 SitaDSS PE bend
- 4 SitaDSS PE pipe

### Roof structure

Roof structure with internal gutter to the general rules of engineering:

- + Sandwich element
- + Liquid-applied waterproofing compound
- + Substructure