

SitaSani®

The problem-solver. Multi-compatible.



SitaSani®

- + Backflow safe up to a water column of 2 metres
- + To refurbish roof outlets and for refurbishment down into the downpipe
- + With connection sleeve of choice or screw-on flange construction
- + Installed and sealed in no time



SitaSani®
63



SitaSani®
63
screw-on flange



SitaSani®
70



SitaSani®
70
screw-on flange



SitaSani®
90



SitaSani®
90
screw-on flange



SitaSani®
95



SitaSani®
105



SitaSani®
105
Schraubflansch



SitaSani®
115



SitaSani®
125



SitaSani®
165



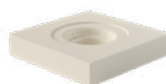
SitaSani®
165
screw-on flange



SitaMore
retaining element for
SitaTrendy/SitaSani



SitaMore
terrace kit



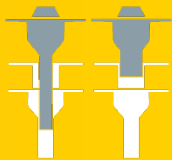
SitaSani®
insulating body
SitaSani®

Product features

Applications	For main and emergency drainage and for refurbishment into the downpipe of old roof outlets in flat and slightly pitched, used and unused roof surfaces
Material	Polyurethane
Design	vertical
Temperature resistance, min.	-40 °C
Temperature resistance, max.	80 °C
Material class	Euroclass E / B2 normal flammability
Properties	+ Thermally insulated + Not sensitive to the weather (UV/IR radiation, rain/snow, temperature, ozone, etc.) + Impact and shock resistant + Durable + 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

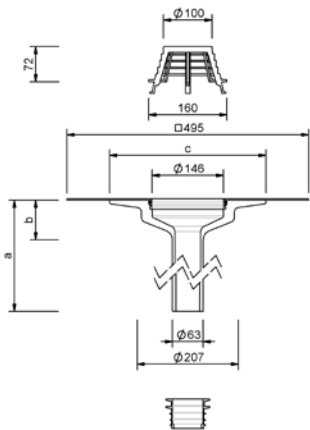




Tender text

SitaSani® 63 refurbishment outlet, made of polyurethane, height 550 mm, thermally insulated, to DIN EN 1253-2, for refurbishment of internal diameters of 68 mm - 86 mm. With large foamed-in connection sleeve of choice (495 mm x 495 mm) for homogeneous connection of the roofing membrane. With fixing ring for addition securing of the connection sleeve and to hold the dome grate. Complete including dome grate, lubricant and multi-lip sealing ring for backflow protection, supply and install to professional standards.

Technical drawing



Backflow safe for refurbishing internal diameters from - to (mm)	a (mm)	b (mm)	c (mm)	Article number
68 - 86	550	81	320	10 63 xx

xx = Article end numbers for connection sleeve of choice

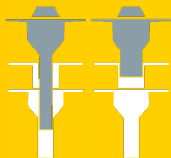
Discharge rate according to DIN EN 1253-2

DN	Retaining height in mm																			
	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100
63	0.5	1.3	2.1	3.2	4.2	5.0	6.1	6.4	6.8	7.1	7.7	8.4	9.0	10.1	12.0	12.2	12.3	12.5	12.7	12.8

SitaSani®

63

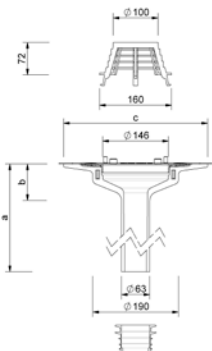
Screw-on flange



Tender text

SitaSani® 63 screw-on flange refurbishment outlet, made of polyurethane, height 550 mm, thermally insulated, to DIN EN 1253-2, for refurbishment of internal diameters of 68 mm - 86 mm, with pre-drilled holes to secure 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 dome grate, lubricant and multi-lip sealing ring for backflow protection, supply and install to professional standards.

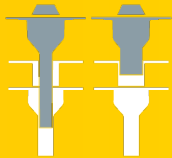
Technical drawing



Backflow safe for refurbishing internal diameters from - to (mm)	a (mm)	b (mm)	c (mm)	Article number
68 - 86	550	81	320	10 63 99

Discharge rate according to DIN EN 1253-2

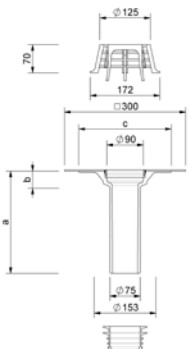
DN	Retaining height in mm																			
	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100
63	0.5	1.3	2.1	3.2	4.2	5.0	6.1	6.4	6.8	7.1	7.7	8.4	9.0	10.1	12.0	12.2	12.3	12.5	12.7	12.8



Tender text

SitaSani® 70 refurbishment outlet, made of polyurethane, height 255 mm, thermally insulated, to DIN EN 1253-2, discharge rate 4.1 l/s at 35 mm retaining height, for refurbishment of internal diameters of 82 mm -103 mm. With large foamed-in connection sleeve of choice (300 mm x 300 mm) for homogeneous connection of the roofing membrane. With fixing ring for addition securing of the connection sleeve and to hold the dome grate. Complete including dome grate, lubricant and multi-lip sealing ring for backflow protection, supply and install to professional standards.

Technical drawing



Backflow safe for refurbishing internal diameters from - to (mm)	a (mm)	b (mm)	c (mm)	Article number
82 - 103	255	44	229	10 36 xx

xx = Article end numbers for connection sleeve of choice

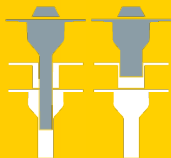
Discharge rate according to DIN EN 1253-2

DN	Retaining height in mm																			
	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100
70	0.7	1.2	1.7	2.2	2.5	3.4	4.1	4.7	5.3	5.9	6.8	7.6	9.0	10.0	10.6	10.6	10.6	10.6	10.6	10.6

SitaSani®

70

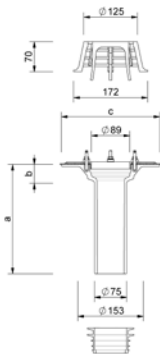
Screw-on flange



Tender text

SitaSani® 70 screw-on flange refurbishment outlet, made of polyurethane, height 255 mm, thermally insulated, to DIN EN 1253-2, discharge rate 4.1 l/s at 35 mm retaining height, for refurbishment of internal diameters of 82 mm - 103 mm, with pre-drilled holes to secure 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 dome grate, lubricant and multi-lip sealing ring for backflow protection, supply and install to professional standards.

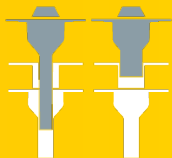
Technical drawing



Backflow safe for refurbishing internal diameters from - to (mm)	a (mm)	b (mm)	c (mm)	Article number
82 - 103	255	44	229	10 36 99

Discharge rate according to DIN EN 1253-2

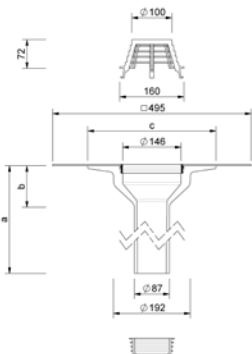
DN	Retaining height in mm																			
	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100
70	0.7	1.2	1.7	2.2	2.5	3.4	4.1	4.7	5.3	5.9	6.8	7.6	9.0	10.0	10.6	10.6	10.6	10.6	10.6	10.6



Tender text

SitaSani® 90 refurbishment outlet, made of polyurethane, height 550 mm, thermally insulated, to DIN EN 1253-2, for refurbishment of internal diameters of 98 mm - 107 mm. With large foamed-in connection sleeve of choice (495 mm x 495 mm) for homogeneous connection of the roofing membrane. With fixing ring for addition securing of the connection sleeve and to hold the dome grate. Complete including dome grate, lubricant and multi-lip sealing ring for backflow protection, supply and install to professional standards.

Technical drawing



Backflow safe for refurbishing internal diameters from - to (mm)	a (mm)	b (mm)	c (mm)	Article number
98 - 107	550	105	320	10 32 xx

xx = Article end numbers for connection sleeve of choice

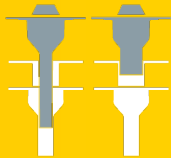
Discharge rate according to DIN EN 1253-2

DN	Retaining height in mm																			
	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100
90	0.5	1.3	2.1	3.1	4.0	4.9	5.7	6.7	7.7	7.9	8.2	8.4	9.6	11.0	15.3	16.5	17.6	18.9	20.1	20.1

SitaSani®

90

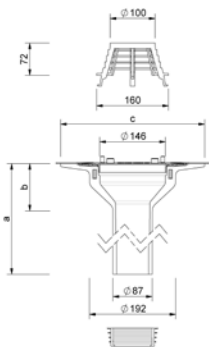
Screw-on flange



Tender text

SitaSani® 90 screw-on flange refurbishment outlet, made of polyurethane, height 550 mm, thermally insulated, to DIN EN 1253-2, for refurbishment of internal diameters of 98 mm - 107 mm, with pre-drilled holes to secure 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 dome grate, lubricant and multi-lip sealing ring for backflow protection, supply and install to professional standards.

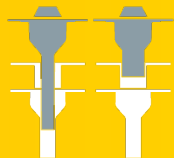
Technical drawing



Backflow safe for refurbishing internal diameters from - to (mm)	a (mm)	b (mm)	c (mm)	Article number
98 - 107	550	105	320	10 32 99

Discharge rate according to DIN EN 1253-2

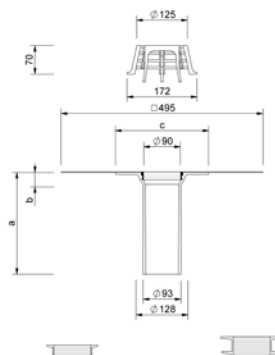
DN	Retaining height in mm																			
	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100
90	0.5	1.3	2.1	3.1	4.0	4.9	5.7	6.7	7.7	7.9	8.2	8.4	9.6	11.0	15.3	16.5	17.6	18.9	20.1	20.1



Tender text

SitaSani® 95 refurbishment outlet, made of polyurethane, height 250 mm or 550 mm, thermally insulated, to DIN EN 1253-2, discharge rate 4.0 l/s at 35 mm retaining height, for refurbishment of internal diameters of 100 mm - 140 mm, with large foamed-in connection sleeve of choice (495 mm x 495 mm) for homogeneous connection of the roofing membrane, with fixing ring for addition securing of the connection sleeve and to hold the dome grate. Complete including dome grate, lubricant and two differently sized sealing rings for backflow protection, supply and install to professional standards.

Technical drawing

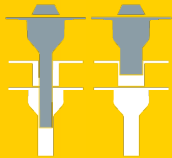


Backflow safe for refurbishing internal diameters from - to (mm) with lip sealing ring	Backflow safe for refurbishing internal diameters from - to (mm) with profiled sealing ring	a (mm)	b (mm)	c (mm)	Article number
100 - 110	107 - 140	250	35	229	10 28 xx
		550			10 38 xx

xx = Article end numbers for connection sleeve of choice

Discharge rate according to DIN EN 1253-2

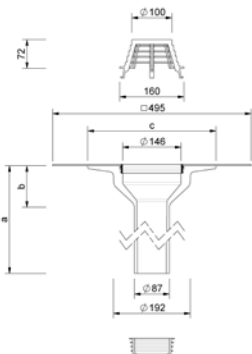
DN	Retaining height in mm																			
	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100
95	0.5	1.0	1.4	1.9	2.6	3.3	4.0	4.7	5.3	6.2	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0



Tender text

SitaSani® 105 refurbishment outlet, made of polyurethane, height 550 mm, thermally insulated, to DIN EN 1253-2, discharge rate 7.2 l/s at 45 mm retaining height, for refurbishment of internal diameters of 105 mm - 134 mm. With large foamed-in connection sleeve of choice (495 mm x 495 mm) for homogeneous connection of the roofing membrane. With fixing ring for addition securing of the connection sleeve and to hold the dome grate. Complete including dome grate, lubricant and multi-lip sealing ring for backflow protection, supply and install to professional standards.

Technical drawing



Backflow safe for refurbishing internal diameters from - to (mm)	a (mm)	b (mm)	c (mm)	Article number
105 - 134	550	105	320	10 33 xx

xx = Article end numbers for connection sleeve of choice

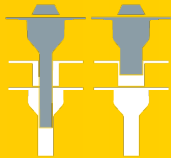
Discharge rate according to DIN EN 1253-2

DN	Retaining height in mm																			
	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100
105	0.5	1.2	2.1	3.0	3.9	4.8	5.6	6.4	7.2	8.0	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8

SitaSani®

105

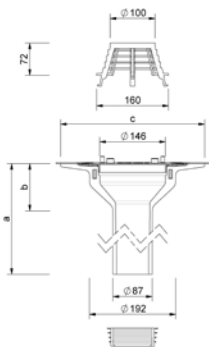
Screw-on flange



Tender text

SitaSani® 105 screw-on flange refurbishment outlet, made of polyurethane, height 550 mm, thermally insulated, to DIN EN 1253-2, discharge rate 7.20 l/s at 45 mm retaining height, for refurbishment of internal diameters of 105 mm - 134 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 dome grate, lubricant and multi-lip sealing ring for backflow protection, supply and install to professional standards.

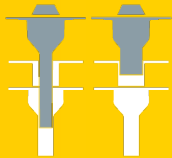
Technical drawing



Backflow safe for refurbishing internal diameters from - to (mm)	a (mm)	b (mm)	c (mm)	Article number
105 - 134	550	105	320	10 33 99

Discharge rate according to DIN EN 1253-2

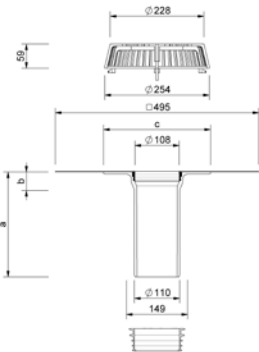
DN	Retaining height in mm																			
	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100
105	0.5	1.2	2.1	3.0	3.9	4.8	5.6	6.4	7.2	8.0	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8



Tender text

SitaSani® 115 refurbishment outlet, made of polyurethane, height 255 mm, thermally insulated, to DIN EN 1253-2, discharge rate 5.7 l/s at 35 mm retaining height, for refurbishment of internal diameters of 115-130 mm. With large foamed-in connection sleeve of choice (495 mm x 495 mm) for homogeneous connection with the roofing membrane. With fixing ring for addition securing of the connection sleeve and to hold the dome grate. Complete including dome grate, extension pipe, lubricant and multi-lip sealing ring for backflow protection, supply and install to professional standards.

Technical drawing

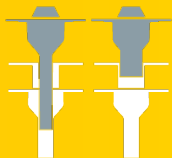


Backflow safe for refurbishing internal diameters from - to (mm)	a (mm)	b (mm)	c (mm)	Article number
115 - 130	255	45	260	10 35 xx

xx = Article end numbers for connection sleeve of choice

Discharge rate according to DIN EN 1253-2

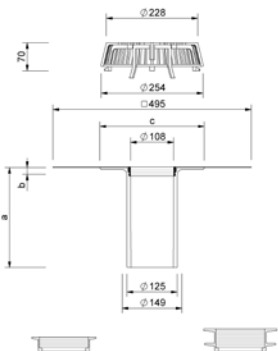
DN	Retaining height in mm																			
	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100
115	0.5	1.2	1.9	2.8	3.6	4.7	5.7	7.1	8.5	10.1	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6



Tender text

SitaSani® 125 refurbishment outlet, made of polyurethane, height 250 mm or 550 mm, thermally insulated, to DIN EN 1253-2, discharge rate 8.8 l/s at 45 mm retaining height, for refurbishment of internal diameters of 134 mm - 168 mm, with large foamed-in connection sleeve of choice (495 mm x 495 mm) for homogeneous connection of the roofing membrane, with fixing ring for addition securing of the connection sleeve and to hold the dome grate. Complete including dome grate, lubricant and two differently sized sealing rings for backflow protection, supply and install to professional standards.

Technical drawing

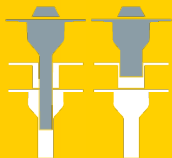


Backflow safe for refurbishing internal diameters from - to (mm) with lip sealing ring	Backflow safe for refurbishing internal diameters from - to (mm) with profiled sealing ring	a (mm)	b (mm)	c (mm)	Article number
134 - 144	140 - 168	250	17	260	10 27 xx
		550			10 37 xx

xx = Article end numbers for connection sleeve of choice

Discharge rate according to DIN EN 1253-2

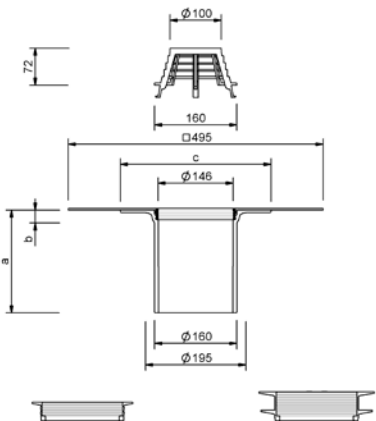
DN	Retaining height in mm																			
	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100
125	0,6	1,2	1,7	2,9	4,1	5,1	6,0	7,4	8,8	10,0	11,2	11,2	11,2	11,2	11,2	11,2	11,2	11,2	11,2	11,2



Tender text

SitaSani® 165 refurbishment outlet, made of polyurethane, height 200 mm or 550 mm, thermally insulated, to DIN EN 1253-2, discharge rate 8.2 l/s at 45 mm retaining height, for refurbishment of internal diameters of 165 mm – 205 mm, with large foamed-in connection sleeve of choice (495 mm x 495 mm) for homogeneous connection of the roofing membrane, with fixing ring for addition securing of the connection sleeve and to hold the dome grate. Complete including dome grate, lubricant and two differently sized sealing rings for backflow protection, supply and install to professional standards.

Technical drawing



Backflow safe for refurbishing internal diameters from - to (mm) with lip sealing ring	Backflow safe for refurbishing internal diameters from - to (mm) with profiled sealing ring	a (mm)	b (mm)	c (mm)	Article number
165 - 178	178 - 205	200	25	293	10 29 xx
		550	60	320	10 40 xx

xx = Article end numbers for connection sleeve of choice

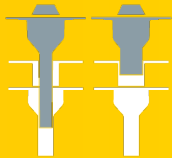
Discharge rate according to DIN EN 1253-2

DN	Retaining height in mm																			
	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100
165	0.8	1.5	2.2	3.4	4.5	5.5	6.4	7.3	8.2	9.0	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7

SitaSani®

165

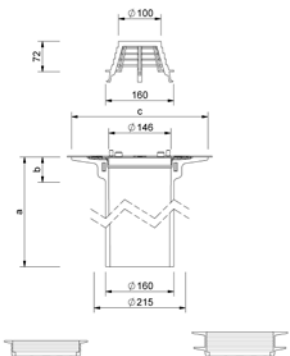
Screw-on flange



Tender text

SitaSani® 165 screw-on flange refurbishment outlet, made of polyurethane, height 550 mm, thermally insulated, to DIN EN 1253-2, discharge rate 8.2 l/s at 45 mm retaining height, for refurbishment of internal diameters of 165 mm – 205 mm, with pre-drilled holes to secure 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 dome grate, lubricant and two differently sized multi-lip sealing rings for backflow protection, supply and install to professional standards.

Technical drawing



Backflow safe for refurbishing internal diameters from - to (mm) with lip sealing ring	Backflow safe for refurbishing internal diameters from - to (mm) with profiled sealing ring	a (mm)	b (mm)	c (mm)	Article number
165 - 178	178 - 205	550	60	320	10 40 99

Discharge rate according to DIN EN 1253-2

DN	Retaining height in mm																			
	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100
165	0.8	1.5	2.2	3.4	4.5	5.5	6.4	7.3	8.2	9.0	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7

SitaMore

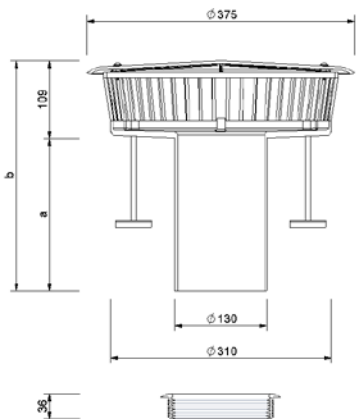
Retaining element for SitaTrendy/SitaSani



Tender text

SitaMore retaining element for SitaTrendy and SitaSani®, made of polyamide, according to DIN EN 1253-2, for SitaTrendy, SitaTrendy screw-on flange, SitaSani® 63, SitaSani® 90, SitaSani® 105 and SitaSani® 165 for emergency drainage, adjustable height of the inlet edges of 25 mm - 105 mm, 85 mm - 150 mm or 135 mm - 200 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 lugs, in yellow signal colour. Retaining heights infinitely adjustable, with large inlet pot to increase drainage volume, supply and install to professional standards.

Technical drawing



Compatibility	Damming height from - to (mm)	a (mm)	b (mm)	Article number
SitaTrendy, SitaSani®	25 - 105	114	223	15 90 01
	85 - 150	214	323	15 90 07
	135 - 200			15 90 08

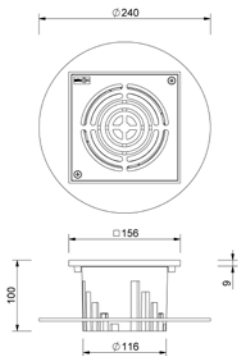
SitaMore terrace kit



Tender text

SitaMore terrace kit, made of aluminium, for roof outlets and extension units with connection sleeve of choice of the SitaStandard, SitaTrendy, SitaIndra, SitaSani® 63, SitaSani® 90, SitaSani® 105 and SitaSani® 165 series. Consisting of height adjustment ring, housing (height-adjustable from 34 mm - 100 mm) and end grate with built-in slots to hold a downpipe in size DN 50 and DN 70, supply and install to professional standards.

Technical drawing



Compatibility	Height adjustment min. (mm)	Height setting max. (mm)	Article number
SitaStandard, SitaTrendy, SitaIndra, SitaSani® 63, SitaSani® 90, SitaSani® 105, SitaSani® 165	34	100	15 90 60

SitaSani®

insulating body

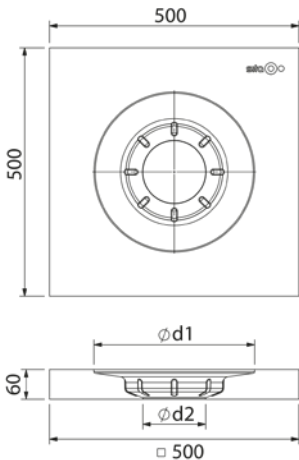
SitaSani® 63



Tender text

SitaSani® 63 or SitaSani® 90/105 insulating body, made of polyurethane, for easy bonding to the vapour barrier, without mechanical fastening of the refurbishment outlet by bonding to the insulating body, size 500 mm x 500 mm x 60 mm, thermal conductivity $\lambda=0.025$ W/mK, compressive strength 200 kPa, density approx. 50 kg/m³, as an installation aid and thermal insulation for the prevention of thermal bridges, supply and install to professional standards.

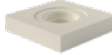
Technical drawing

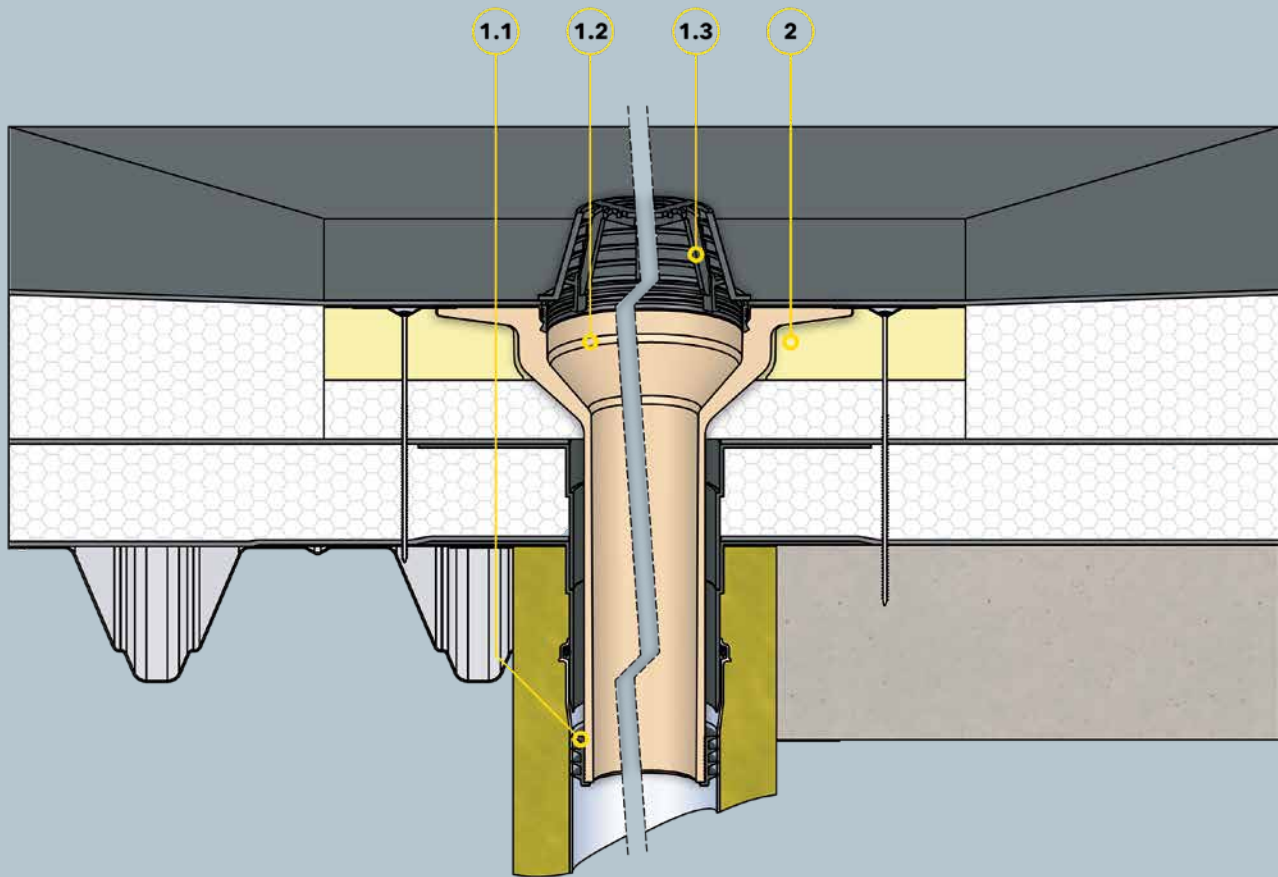


Compatibility	d1 (mm)	d2 (mm)	Article number
SitaSani® 63	322	126	10 93 63
SitaSani® 90, SitaSani® 105		184	10 93 90

Possible combinations

SitaSani®

Accessories		Product series								
										
SitaMore terrace kit										
SitaCompact balcony outlet gratings										
SitaTrendy extension unit										
SitaCompact extension unit										
SitaSani® 95										
SitaSani® insulating body										



Components

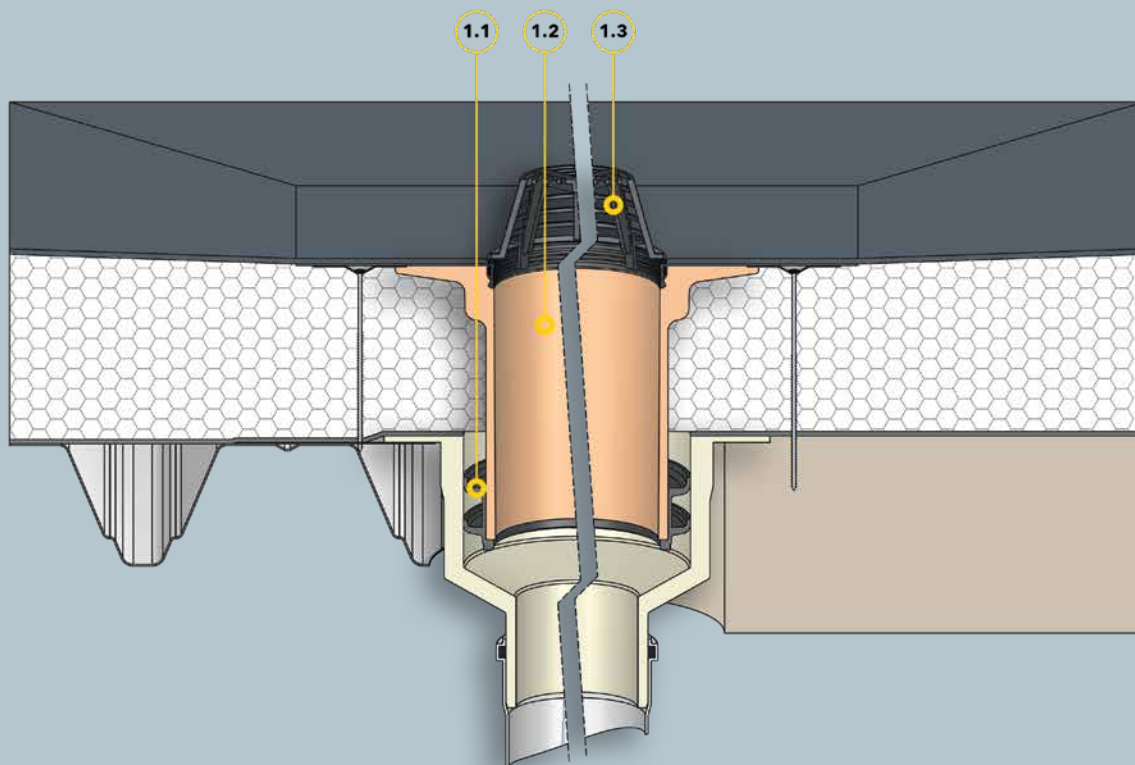
SitaSani® 63/90/105 consisting of:

- 1.1** Sealing ring
- 1.2** Base body
- 1.3** Dome grate
- 2** SitaSani® 63/90/105 insulating body

Roof structure

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

- + New sealing
- + New thermal insulation
- + Existing sealing
- + Existing thermal insulation
- + Vapour barrier
- + Substructure



Components

SitaSani® consisting of:

- 1.1** Profiled sealing ring
- 1.2** Base body
- 1.3** Dome grate

Roof structure

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

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