

SitaMulti

Suitable for versatile use. Uniquely resistant.



- + Non-combustible
- + Loose/fixed flange construction
- + Available with insulation bodies
- + High discharge rate
- + Sizes up to DN 150



SitaMulti
screw-on flange
vertical



SitaMulti
screw-on flange
extension unit



SitaMulti
grating frame



SitaMulti
height compensation
piece



SitaMulti
insulating body for
rainwater outlet



SitaMulti
insulating body for
compensating ring



SitaMulti
insulating body for
extension element



SitaMulti
construction period
protective cover



SitaMore
transition connector set



SitaMulti
connector set



SitaMore
retaining element for
SitaStandard/SitaMulti



SitaMore
retaining ring



SitaMore
pipe sleeve heating



SitaMore
reinforcement plate

SitaMulti

Product features at a glance:

Product features

Applications	For main and emergency drainage to DIN EN 12056-3 and DIN 1986-100 and for preventive fire protection with large used and unused flat and slightly pitched roofs
Material	Cast iron
Design	Vertical
Temperature resistance, min.	-20 °C
Material class	Euroclass A1 /A1 non-flammable
Properties	+ Not sensitive to the weather (UV/IR radiation. rain/snow. temperature. ozone. etc.) + Impact and shock resistant + Durable + Low noise + Universal for any seal
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



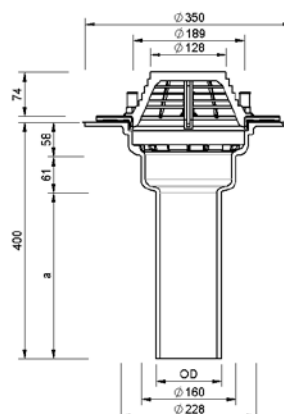
SitaMulti screw-on flange vertical



Tender text

SitaMulti fire protection outlet, vertical, made of cast iron, material EN-GJL-200, to DIN EN 1253-2, in sizes DN 80, DN 100, DN 125 and DN 150. For direct connection to SML pipes, for conventional drainage, with internal lugs to support the grating frame, with drilled holes to secure the roof outlet in the substructure, with weepholes, two sealing sleeves, six inserted stainless steel M12 threaded rods, washers, brass hexagon nuts and caps, with loose-fixed flange for clamping bitumen, plastic or EPDM roofing membranes, complete including dome grate, supply and install to professional standards.

Technical drawing



DN	OD*	a (mm)	Opening/Core borehole (mm)	Article number
80	83	277	250	40 03 99
100	110	280		40 04 99
125	135	286		40 06 99
150	160	343		40 08 99

* OD = Outer diameter (mm)

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
80	0.5	1.4	2.2	3.3	4.4	5.6	6.7	8.0	9.3	10.7	12.0	13.4	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7
100	0.8	1.8	2.7	4.1	5.4	6.6	7.7	8.9	10.1	11.3	12.5	13.9	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2
125	0.5	1.4	2.2	3.3	4.4	5.6	6.8	7.9	9.0	10.4	11.8	13.2	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5
150	0.5	1.1	1.7	2.8	3.9	5.1	6.2	7.5	8.7	10.2	11.6	13.1	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6

SitaMulti

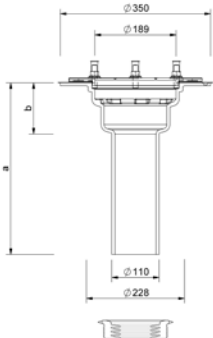
screw-on flange extension unit



Tender text

SitaMulti extension unit. made of cast iron. material EN-GJL-200. to DIN EN 1253-2. for SitaMulti roof outlet. With drilled holes to secure the extension unit in the substructure. with weepholes. two sealing sleeves. six inserted stainless steel M12 threaded rods. washers. brass hexagon nuts and caps. with loose-fixed flange for clamping bitumen. plastic or EPDM roofing membranes. complete including multi-lip angled sealing ring for backflow protection. supply and install to professional standards.

Technical drawing



a (mm)	b (mm)	Bridging of thermal insulation min. (mm)	Bridging of thermal insulation max. (mm)	Article number
400	119	80	300	40 27 99

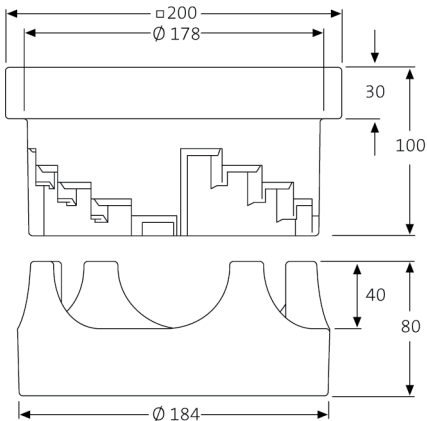
SitaMulti grating frame



Tender text

SitaMulti top frame, made of cast iron, material EN-GJS-500-7, in accordance with DIN EN 1253-1, consisting of frame, support ring and bolted end grating, classification M125 in cast-in installation. To transfer the loads via the SitaMulti roof outlet into the supporting structure, for a height adjustment of 90 mm - 130 mm, supply and install to professional standards.

Technical drawing



Height adjustment (mm)	Article number
90 - 130	11 90 60

SitaMulti

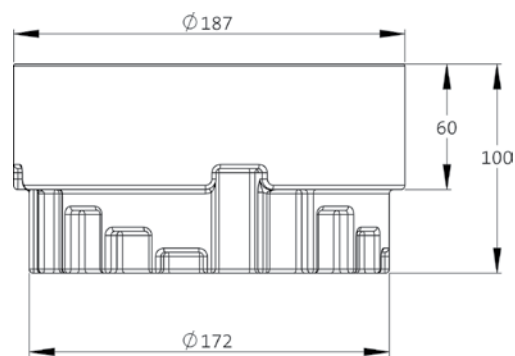
height compensation piece



Tender text

SitaMulti height compensation piece. made of cast iron. material EN-GJL-500-7. for additional height adjustment for the SitaMulti grating frame. supply and install to professional standards.

Technical drawing



Height adjustment (mm)	Article number
140 - 220	E 11 90 66

SitaMulti

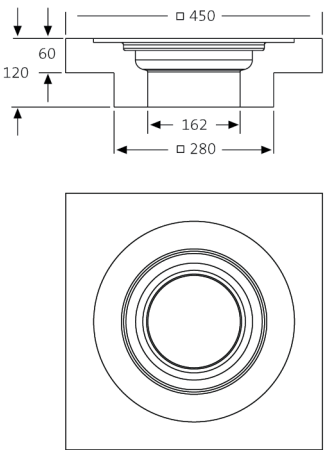
insulating body for rainwater outlet



Tender text

SitaMulti insulating body for outlet. made of foam glass. WLG 050. For thermal insulation of the SitaMulti roof outlet in the concrete ceiling. height 120 mm. can be used as concealed formwork for concreting. supply and installation to professional standards.

Technical drawing



Article number
E 40 90 03

SitaMulti

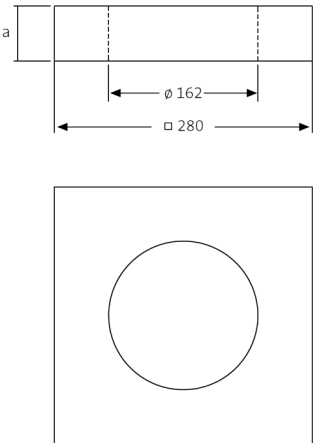
insulating body for compensating ring



Tender text

SitaMulti compensating ring. made of foam glass. WLG 050. 40 mm or 60 mm in height. For thermal insulation for the SitaMulti roof outlet in the concrete ceiling at heights over 120 mm. supply and installation to professional standards.

Technical drawing



a (mm)	Article number
40	E 40 90 04
60	E 40 90 05

SitaMulti

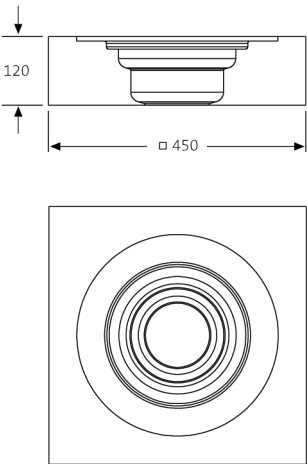
insulating body for extension element



Tender text

SitaMulti insulating body for extension unit. made of foam glass. WLG 050.
For thermal insulation and to hold the extension unit. 120 mm in height.
supply and installation to professional standards.

Technical drawing



Article number
E 40 90 06

SitaMulti

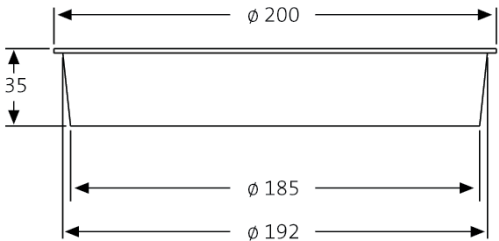
construction period protective cover



Tender text

SitaMulti construction period protective cover. inserted in drain body. it prevents the ingress of items during the construction period. Supply complete and install to professional standards.

Technical drawing



Compatibility	Article number
SitaMulti. SitaDSS Multi	E 40 90 10

SitaMore

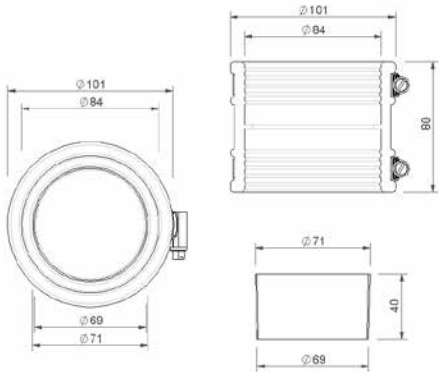
transition connector set



Tender text

SitaMore transition connector set in size DN 75 made of TPE/V2A. in size DN 56 made of EDPM/V2A. including support ring made of rust-proof stainless steel. for the stable connection of PE and SML pipe and formed parts. supply and install to professional standards.

Technical drawing



DN	a (mm)	b (mm)	d1 (mm)	d2 (mm)	d3 (mm)	d4 (mm)	Article number
56	90	40	89	66	51	49	80 20 56 58
70	80		101	84	71	69	80 20 75 83

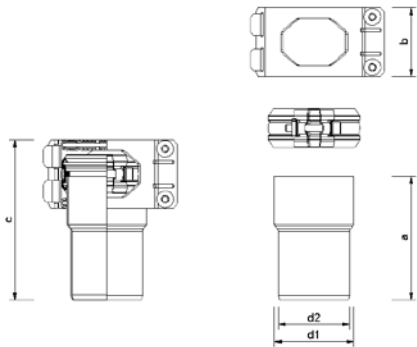
SitaMulti connector set



Tender text

SitaMulti connector set. for the transition from SitaMulti to SitaPipe stainless steel pipe. consisting of an adapter made of rust-proof stainless steel. material number 1.4301. a Rapid connector and a retaining claw. supply and install to professional standards.

Technical drawing



DN	a (mm)	b (mm)	c (mm)	d1 (mm)	d2 (mm)	Article number
80	130	72	169	83	75	40 70 83
100		87	176	110	110	40 70 11

SitaMore

retaining element

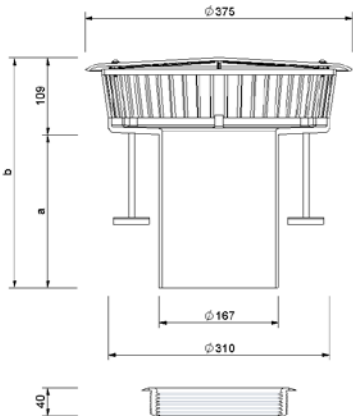
for SitaStandard/SitaMulti



Tender text

SitaMore retaining element for SitaStandard and SitaMulti, made of polyamide, to DIN EN 1253-2, for SitaStandard roof outlets and extension units for emergency drainage, adjustable height of the inlet edges of 25 mm - 105 mm, 135 mm - 150 mm or 150 mm - 200 mm and for SitaMulti roof outlets and extension units for emergency drainage, adjustable height of the inlet edges of 35 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 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
SitaStandard, SitaMulti	25 - 105	114	223	10 90 01
	85 - 150	214	323	10 90 07
	135 - 200			10 90 08

SitaMulti

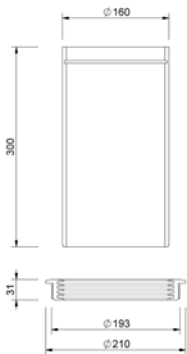
SitaMore retaining ring



Tender text

SitaMore retaining ring for emergency drainage, made of PE-HD for SitaIndra, SitaStandard, SitaMulti roof outlets, length 300 mm, with sealing ring and lubricant, supply and install to professional standards.

Technical drawing



Compatibility	Damming height from - to (mm)	Article number
SitaIndra, SitaStandard, SitaMulti	20 - 260	10 90 87

SitaMore

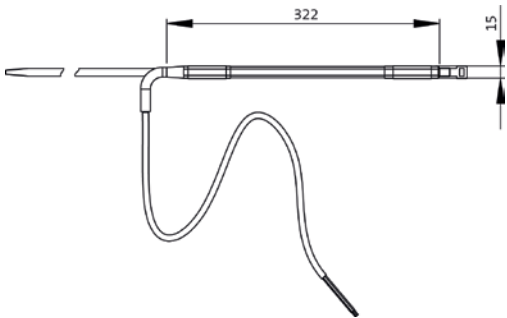
pipe sleeve heating



Tender text

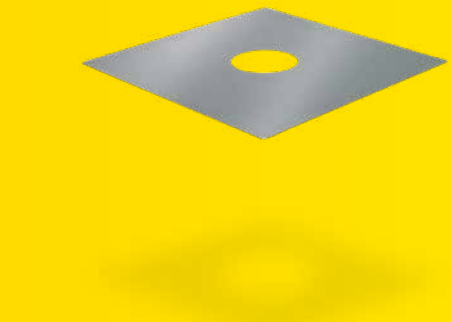
SitaMore pipe sleeve heating, for heating roof outlets and pipes. self-regulating PTC heating element with a heat rating of approx. 10 W at -20 °C and 230 V. with two cable ties for easy securing to pipes or roof outlets. No transformer required. supply and install to professional standards.

Technical drawing



Article number
10 90 35

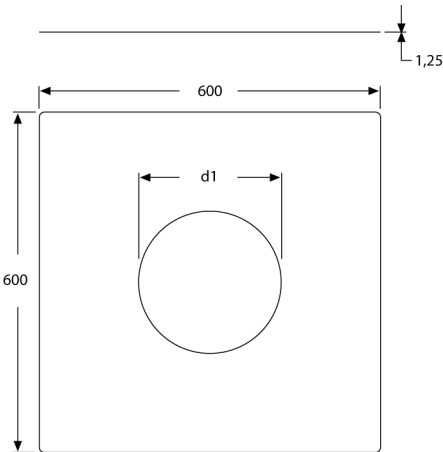
SitaMore reinforcement plate



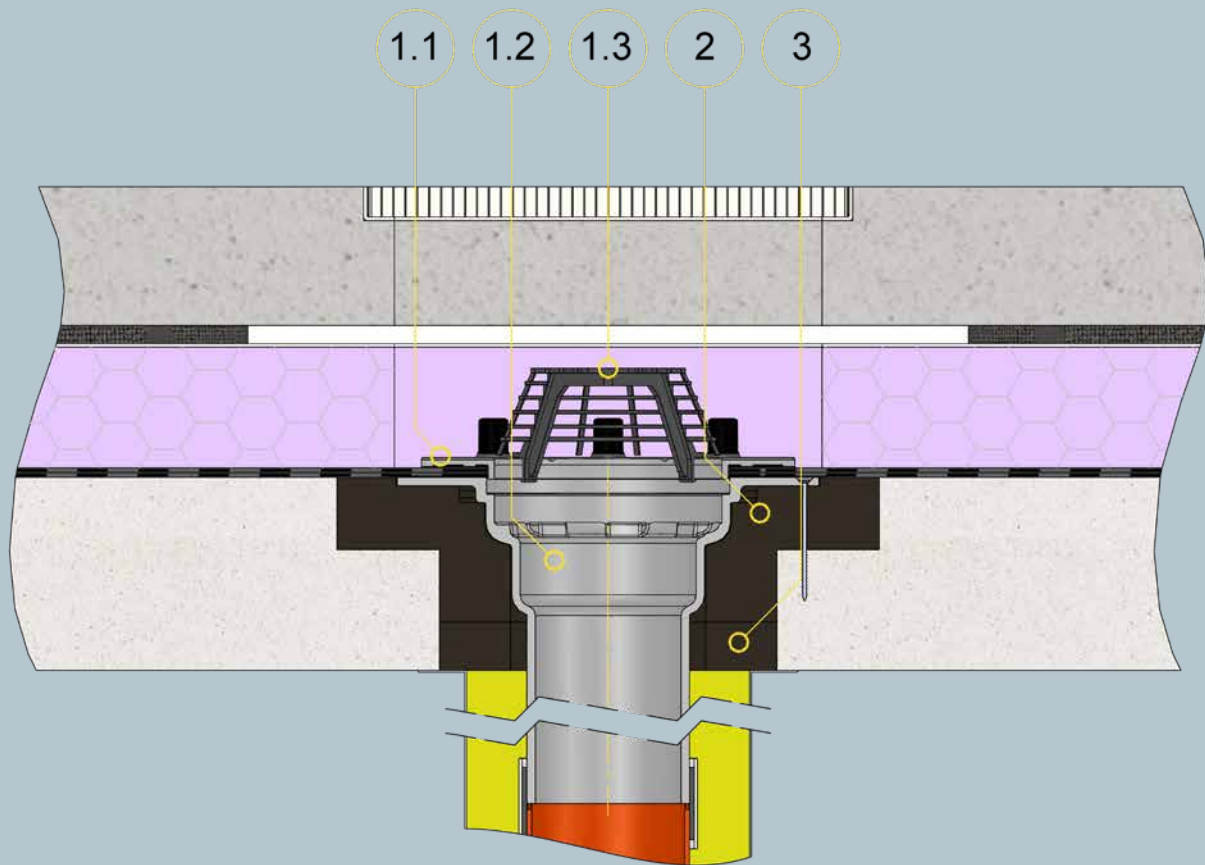
Tender text

SitaMore reinforcement plate. made of galvanised sheet steel. to reinforce small penetrations in the trapezoidal steel sheet. for SitaDSS Profi. SitaStandard. SitaTrendy. SitaTrendy screw-on flange. SitaVent system vent. SitaCompact. SitaMulti and SitaDSS. supply and install to professional standards.

Technical drawing



Compatibility	d1 (mm)	Article number
SitaStandard. SitaTrendy. SitaTrendy screw-on flange. SitaMulti. SitaDSS Profi. SitaDSS Multi and SitaVent system vent DN 150	250	10 90 00



Components

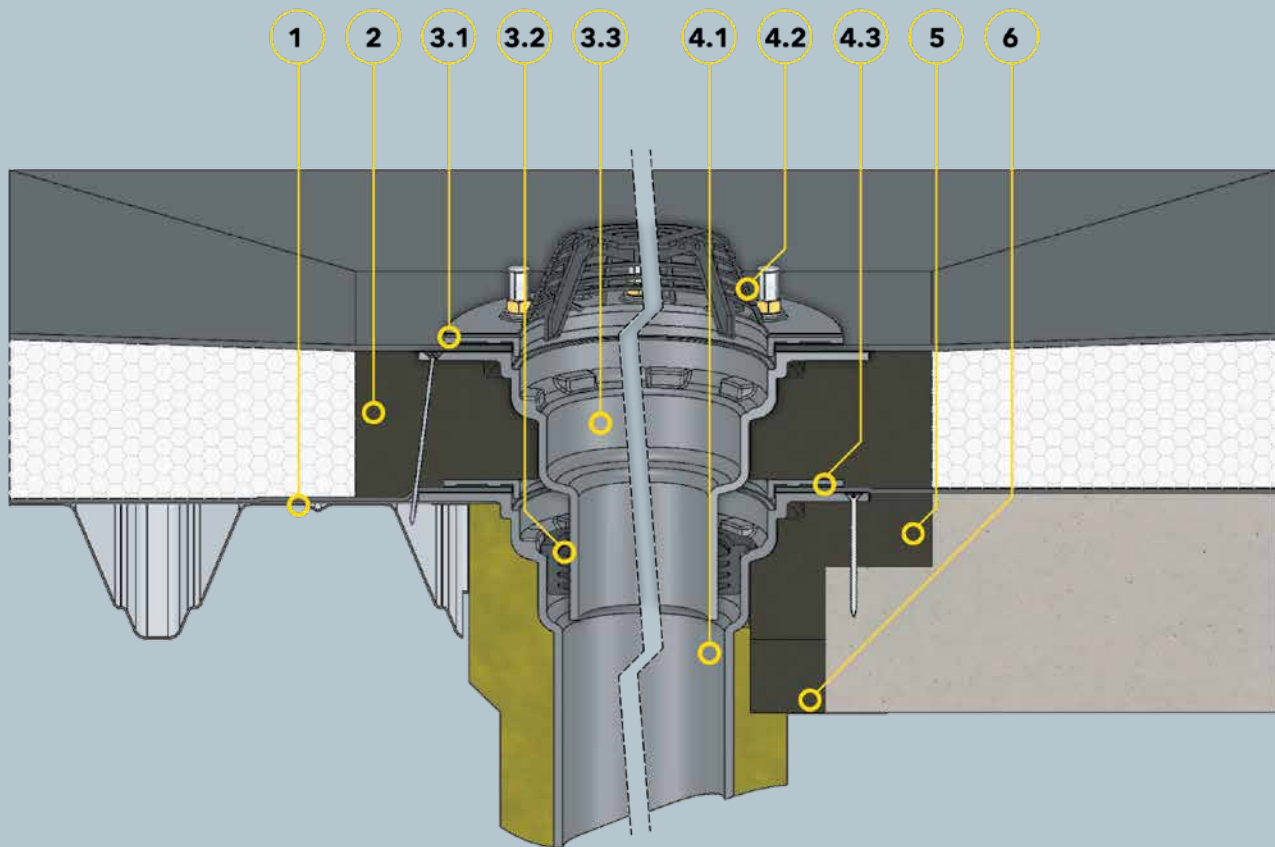
SitaMulti consisting of:

- 1.1** Base body
- 1.2** Screw-on flange, nuts, washers and sealing sleeves
- 1.3** Dome grate
- 2** SitaMulti insulating body for outlet
- 3** SitaMulti insulating body compensating ring

Roof structure

Inverted roof structure to the general rules of engineering with:

- + Concrete slabs
- + Support pads
- + Roofing fabric
- + Thermal insulation
- + Sealing
- + Substructure



Components

- 1** SitaMore reinforcement plate
- 2** SitaMulti insulating body for extension unit

SitaMulti extension unit, consisting of:

- 3.1** Screw-on flange, nuts, washers and sealing sleeves
- 3.2** Sealing ring
- 3.3** Base body

SitaMulti consisting of:

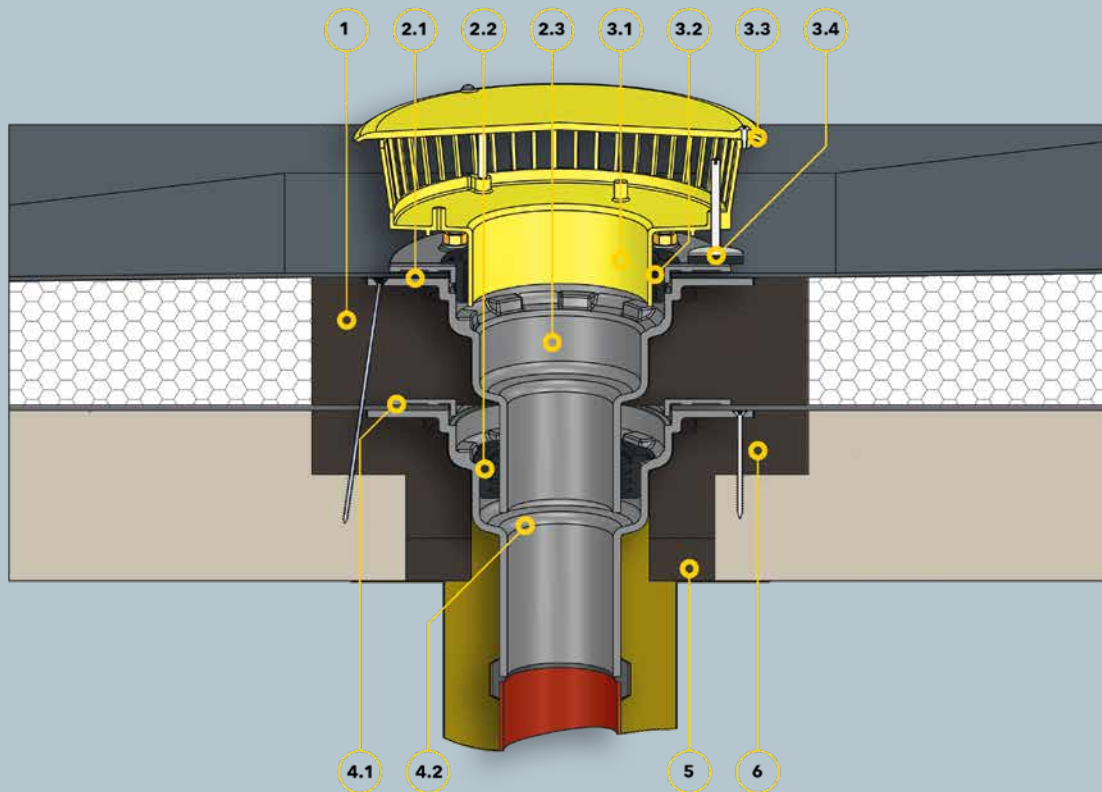
- 4.1** Base body
- 4.2** Dome grate
- 4.3** Screw-on flange, nuts, washers and sealing sleeves

- 5** SitaMulti insulating body for outlet
- 6** SitaMulti insulating body compensating ring

Roof structure

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

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



Components

1 SitaMulti insulating body for extension unit

SitaMulti extension unit, consisting of:

- 2.1** Screw-on flange, nuts, washers and sealing sleeves
- 2.2** Sealing ring
- 2.3** Base body

SitaMore retaining element consisting of:

- 3.1** Base body
- 3.2** Sealing ring
- 3.3** Closed cover
- 3.4** Height-adjustable rubber-metal buffers

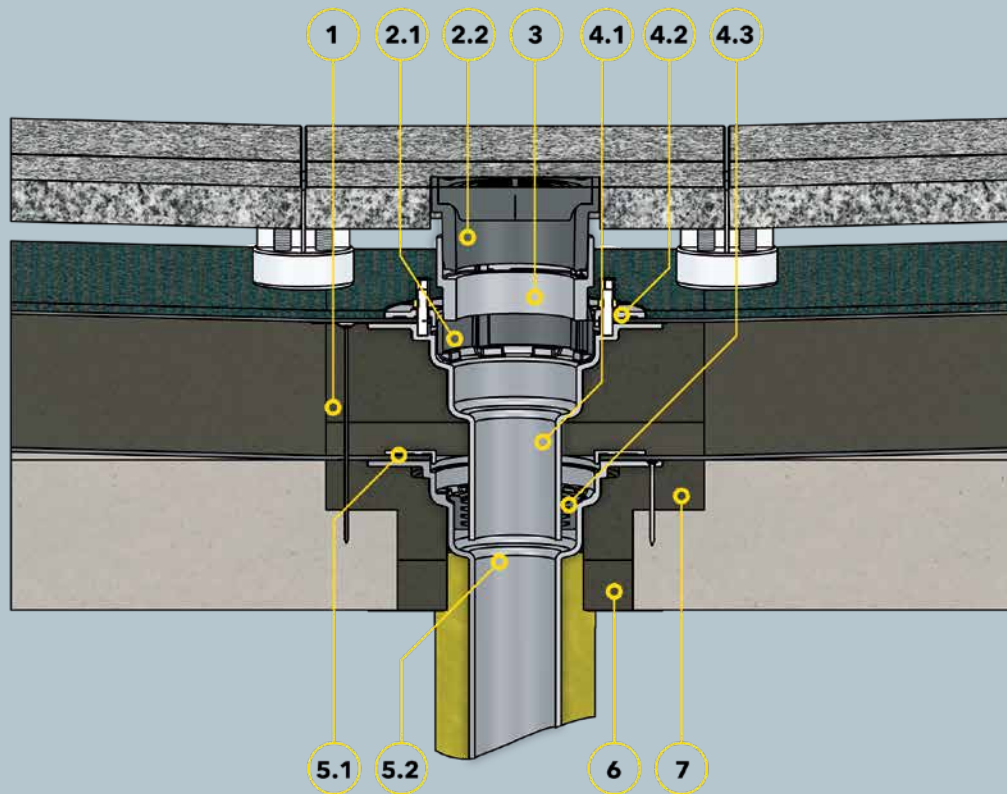
SitaMulti consisting of:

- 4.1** Screw-on flange, nuts, washers and sealing sleeves
- 4.2** Base body
- 5** SitaMulti insulating body compensating ring
- 6** SitaMulti insulating body for outlet

Roof structure

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

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



Components

1 SitaMulti insulating body for extension unit

SitaMulti grating frame, consisting of:

2.1 Support ring

2.2 Grating with bolted end grate

3 SitaMulti height compensation piece

SitaMulti extension unit, consisting of:

4.1 Base body

4.2 Screw-on flange, nuts, washers and sealing sleeves

4.3 Sealing ring

SitaMulti consisting of:

5.1 Screw-on flange, nuts, washers and sealing sleeves

5.2 Base body

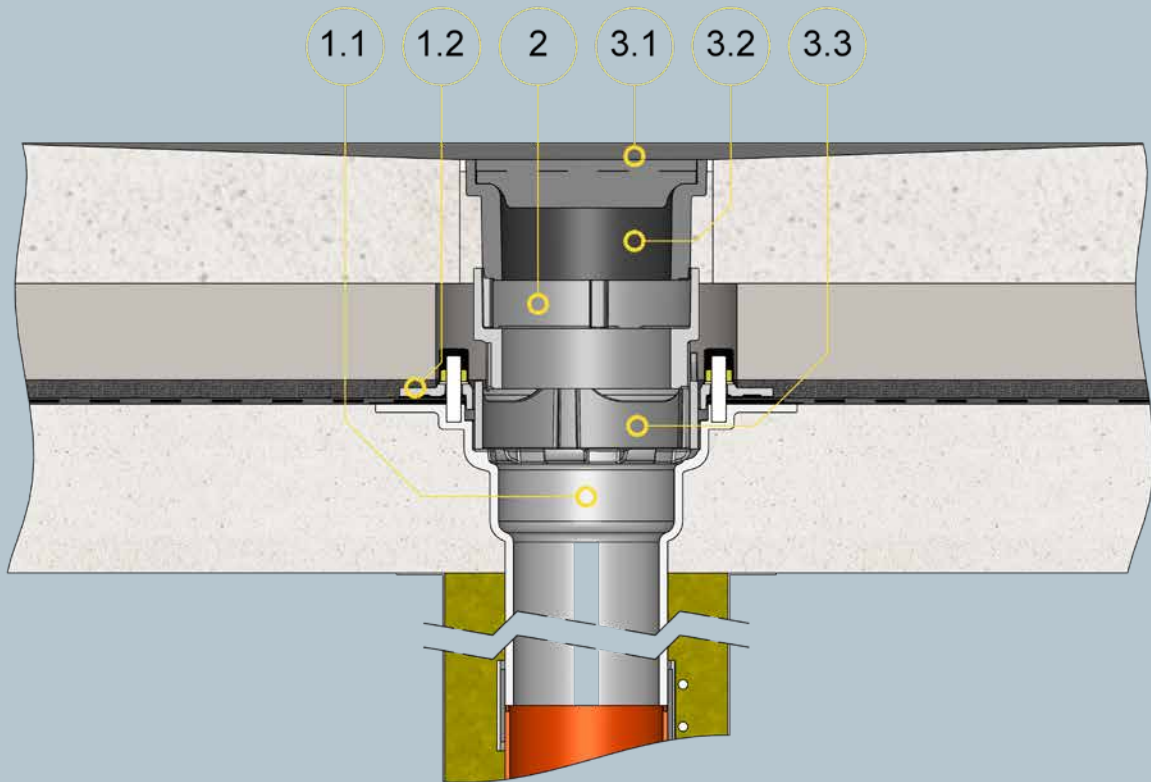
6 SitaMulti insulating body compensating ring

7 SitaMulti insulating body for outlet

Roof structure

Non-ventilated roof structure with slab paving on support pads to the general rules of engineering with:

- + Slab paving
- + Support pads
- + Protective mat
- + Sealing
- + Thermal insulation
- + Sloping screed
- + Vapour barrier
- + Substructure



Components

SitaMulti consisting of:

- 1.1** Base body
- 1.2** Screw-on flange, nuts, washers and sealing sleeves
- 2** SitaMulti height compensation piece

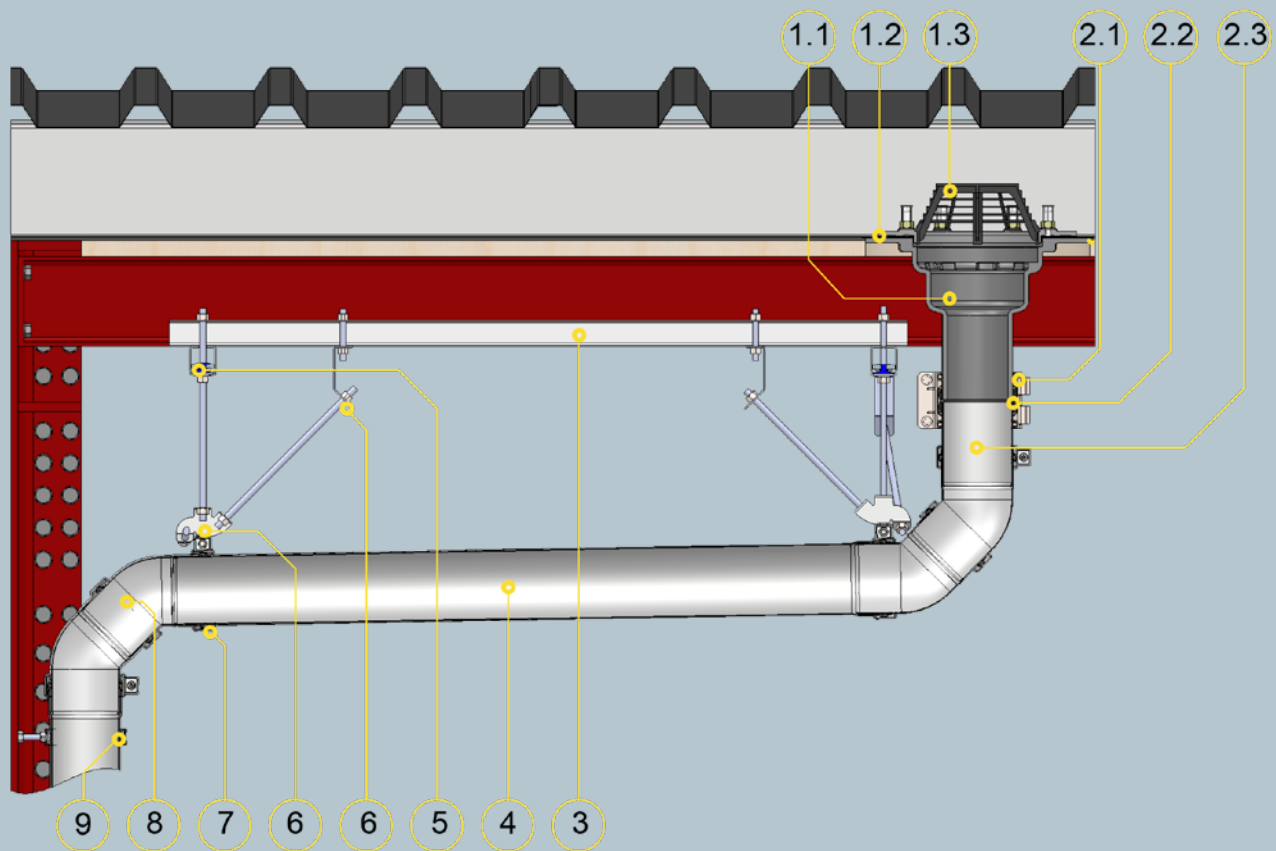
SitaMulti grating frame. consisting of:

- 3.1** Support ring
- 3.2** Grating
- 3.3** End grate

Roof structure

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

- + Concrete slabs
- + Protective screed
- + Protective mat
- + Sealing
- + Substructure



Components

SitaMulti consisting of:

- 1.1** Base body
- 1.2** Screw-on flange, nuts, washers and sealing sleeves
- 1.3** Dome grate

SitaMulti connector set consisting of:

- 2.1** Retaining claw
- 2.2** Rapid connector
- 2.3** Adapter

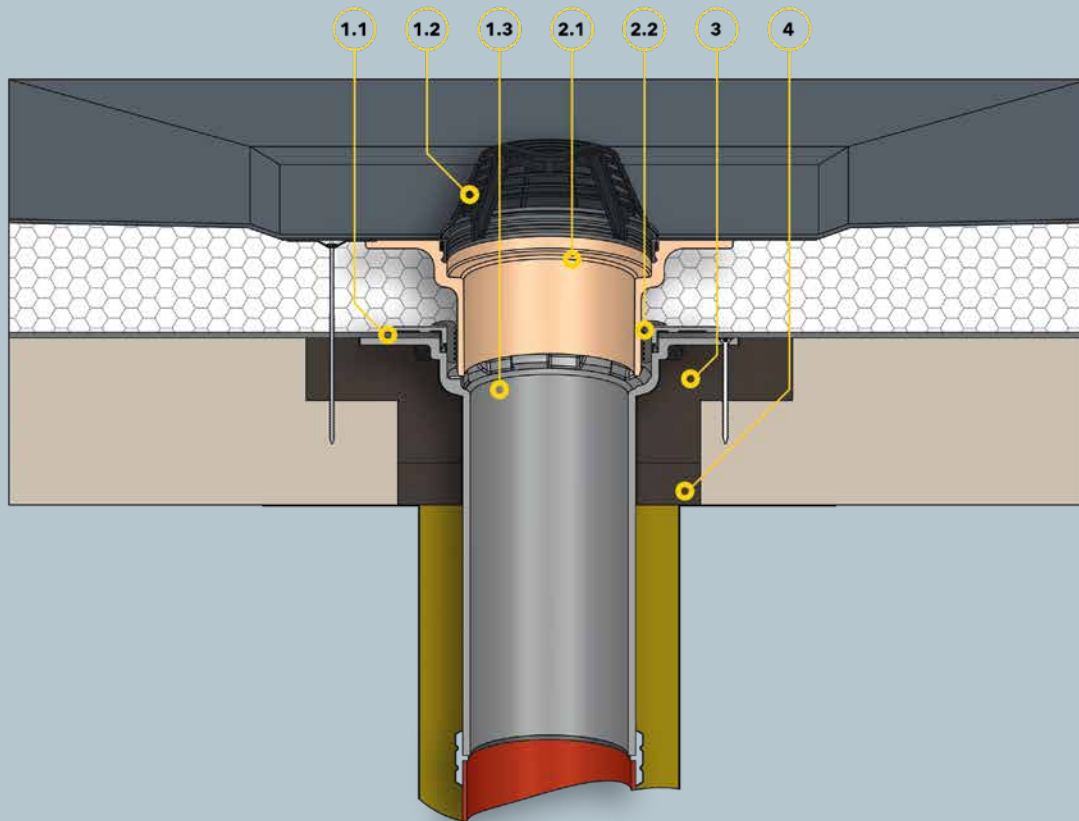
- 3** SitaDSS Rail mounting rail
- 4** SitaPipe stainless steel pipe

- 5** SitaDSS Rail suspension unit
- 6** SitaPipe stainless steel mounting bracket
- 7** SitaPipe stainless steel safety clamp
- 8** SitaPipe stainless steel bend
- 9** SitaPipe stainless steel pipe clamp

Roof structure

Ventilated roof structure to the general rules of engineering with:

- + Roof covering / waterproofing
- + Zinc / sheet metal gutter
- + Separating layer / formwork sheeting
- + Substructure



Components

SitaMulti consisting of:

- 1.1** Screw-on flange, nuts, washers and sealing sleeves
- 1.2** Dome grate
- 1.3** Base body

SitaStandard extension unit, consisting of:

- 2.1** Base body
- 2.2** Sealing ring
- 3** SitaMulti insulating body for outlet
- 4** SitaMulti insulating body compensating ring

Roof structure

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

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