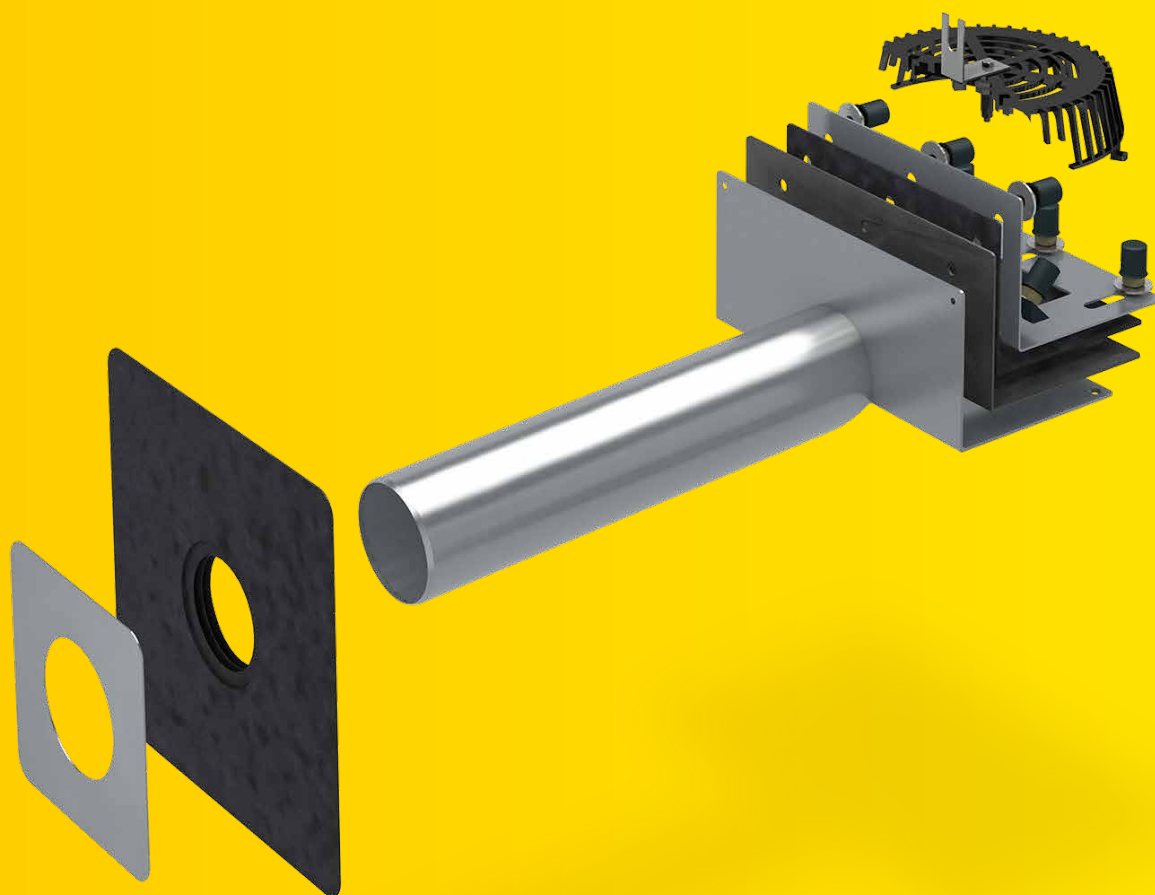


SitaRondo

With round pipe. Flexible connection.



- + For main and emergency drainage
- + Special lengths possible
- + Direct connection to the SitaPipe stainless steel pipe system possible
- + Single-part loose flange loose retaining flange



SitaRondo



SitaRondo
Loose retaining flange



SitaMore
Vapour barrier plate



SitaAttika
Cladding cover plate



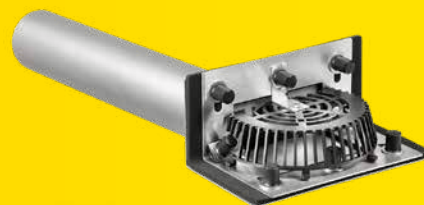
SitaMore
Sealing sleeve

SitaRondo

Product features at a glance:

Product features

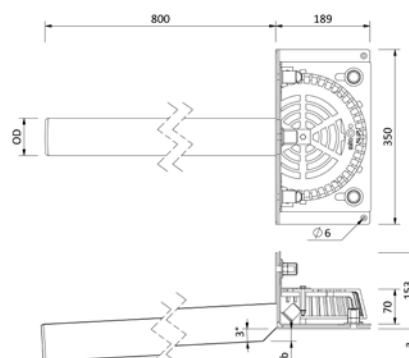
Applications	For main and emergency drainage through the parapet of flat and slightly pitched, used and unused roof surfaces
Material	Rust-proof stainless steel
Temperature resistance, min.	-20 °C
Temperature resistance, max.	80 °C
Material class	Euroclass A1 /A1 non-flammable
Properties	+ Not sensitive to the weather (UV/IR radiation, rain/snow, temperature, ozone, etc.) + Impact and shock resistant + Durable
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.



Tender text

SitaRondo parapet outlet, made of stainless steel, material number 1.4301, with run-off channel 800 mm, inclination 3°, in sizes DN 50, DN 70, DN 100 and DN 125, with screw-on flange construction for clamping of bitumen, plastic or EPDM roofing membranes, with sealing sleeves, M12 threaded bolt, washers, nuts, protective caps and dome grate, supply and installation to professional standards.

Technical drawing

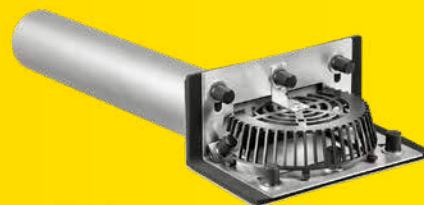


DN	OD*	a (mm)	b (mm)	Opening/Core borehole (mm)	Article number
50	50	57	16	110	18 20 99
70	75	65	25	135	18 22 99
100	110	76	37	170	18 24 99
125	125	81	42	185	18 26 99

* OD = Outer diameter (mm)

Discharge rate according to DIN EN 1253-2

DN	Retaining hight (mm)																			
	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100
50	0.1	0.2	0.3	0.4	0.5	0.6	0.6	0.7	0.7	0.8	0.8	0.9	0.9	1.0	1.0	1.0	1.1	1.1	1.2	1.2
70	0.2	0.3	0.4	0.5	0.8	1.0	1.2	1.3	1.5	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
100	0.3	0.5	0.7	0.8	1.2	1.6	1.9	2.2	2.4	2.7	2.9	3.3	3.6	3.8	4.0	4.3	4.5	4.5	4.5	4.5
125	0.2	0.3	0.5	0.8	1.2	1.5	1.7	2.0	2.4	2.7	3.1	3.5	4.0	4.3	4.6	4.8	5.0	5.3	5.6	5.6



Discharge rate according to DIN EN 1253-2 with 2-metre downpipe

DN	Retaining height (mm)																			
	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100
50	0.1	0.2	0.3	0.5	0.6	0.7	0.7	0.8	0.9	1.0	1.0	1.0	1.1	1.1	1.1	1.2	1.2	1.2	1.2	1.3
70	0.2	0.3	0.4	0.7	0.9	1.0	1.2	1.3	1.4	2.0	2.5	2.6	2.8	2.9	3.0					
100	0.2	0.4	0.7	1.0	1.3	1.5	1.7	1.9	2.3	2.6	3.0	3.3	3.6	3.9						
125	0.2	0.4	0.7	1.0	1.4	1.8	2.2	2.5	2.9	3.2	3.9	4.3	4.7							

Discharge rate according to DIN EN 1253-2 with 4-metre downpipe

DN	Retaining height (mm)																			
	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100
50	0.1	0.2	0.3	0.5	0.6	0.7	0.9	0.9	1.0	1.1	1.1	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
70	0.1	0.2	0.4	0.6	0.7	1.0	1.2	1.6	1.9	2.5	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
100	0.2	0.3	0.6	0.8	1.1	1.5	1.8	2.2	2.5	3.1	3.7	4.1	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
125	0.2	0.3	0.7	1.0	1.3	1.7	2.1	2.7	3.2	3.7	4.1	4.5	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9

SitaRondo

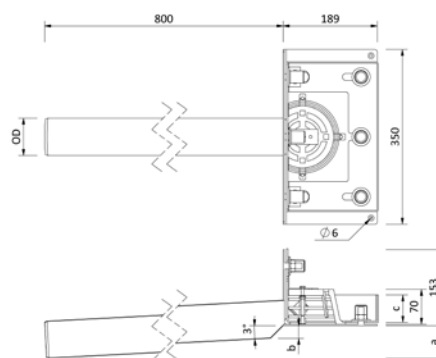
Loose retaining flange



Tender text

SitaRondo with loose retaining flange, made of rust-proof stainless steel, material number 1.4301, with screw-on flange construction, nominal widths DN 50, DN 70, DN 100 and DN 125, 800 mm pipe length, inclination 3°, with loose retaining flange and two sealing sleeves for clamping bitumen, plastic or EPDM roofing membranes. With M12 threaded bolt, washers, nuts, protective caps and dome grate, supply and installation to professional standards.

Technical drawing



DN	OD*	a (mm)	b (mm)	c (mm)	Article number
50	50	57	16	100	18 20 30 99
				35	18 20 11 99
				55	18 20 20 99
70	75	65	25	100	18 22 30 99
				35	18 22 10 99
				55	18 22 20 99
100	110	76	37	100	18 24 30 99
				35	18 24 10 99
				55	18 24 20 99
125	125	81	42	100	18 26 30 99
				35	18 26 10 99
				55	18 26 20 99

* OD = Outer diameter (mm)

Discharge rate according to DIN EN 1253-2 with retaining element for emergency drainage

DN	Retaining height (mm)																			
	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100
50	0.5	1.1	1.2	1.3	1.3	1.3	1.4	1.4	1.4	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
70	0.8	1.2	1.4	1.6	1.7	1.8	1.9	2.0	2.1	2.1	2.2	2.3	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
100	0.8	1.5	2.0	2.4	2.8	3.1	3.4	3.7	3.9	4.1	4.3	4.5	4.7	4.9	5.0	5.2	5.4	5.6	5.8	5.9
125	0.8	1.6	2.3	2.8	3.3	3.7	4.0	4.4	4.8	5.1	5.4	5.6	5.9	6.1	6.4	6.7	6.9	7.2	7.4	7.4

SitaRondo

Loose retaining flange

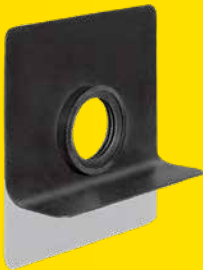


Discharge rate with 3-metre fall pipe

DN	Retaining hight (mm)																			
	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100
50	0.8	1.3	1.9	2.8	3.6	4.6	5.4													
70	0.8	1.3	1.6	1.9	2.5	3.5	4.5	5.8	7.0	8.3	9.3	10.8	12.0	13.7	15.0	15.8				
100	0.8	1.6	2.1	2.5	2.8	3.4	4.0	4.6	5.5	6.6	8.0	9.5	11.0	12.7	14.3	16.0	17.7	19.4	21.6	
125	0.6	1.6	2.3	2.9	3.4	3.8	4.3	4.8	5.4	6.3	7.5	8.6	10.0	11.3	13.3	15.0	17.0	19.5	21.3	

SitaMore

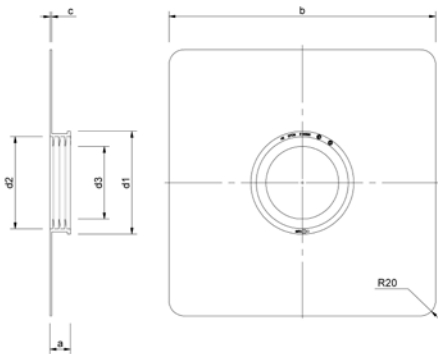
Vapour barrier plate



Tender text

SitaMore vapour barrier plate flex, made of EPDM, with adhesive flange for flexible vapour-tight connection of the vapour barrier to round pipes in sizes DN 50, DN 70, DN 100, DN 125 and DN 150, with a multi-lip integrated sealing area, supply and install to professional standards.

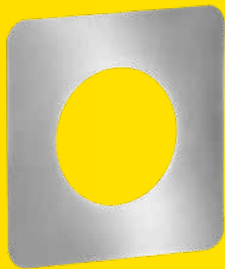
Technical drawing



DN	a (mm)	b (mm)	c (mm)	d1 (mm)	d2 (mm)	d3 (mm)	Article number
50	27	352	2	76	62	44	18 50 90
70				105	91	67	18 70 90
100				136	122	96	18 00 90
125	28	400	3	159	145	119	18 12 90
150				195	181	153	18 60 90

SitaAttika

Cladding cover plate

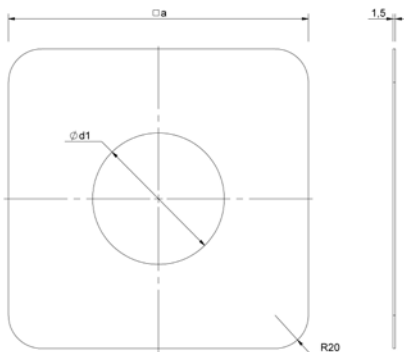


SitaRondo

Tender text

SitaAttika cladding cover plate, made of rust-proof stainless steel, material number 1.4301, to cover the parapet or wall opening in sizes DN 50 to DN 200, material thickness 1.5 mm, supply and install to professional standards.

Technical drawing



DN	a (mm)	d1 (mm)	Article number
50	155	54	E 18 90 25
70	180	79	E 18 90 26
100	215	114	E 18 90 27
125	230	129	E 18 90 28
150	265	165	E 18 90 29
200	303	203	E 18 90 45

SitaMore

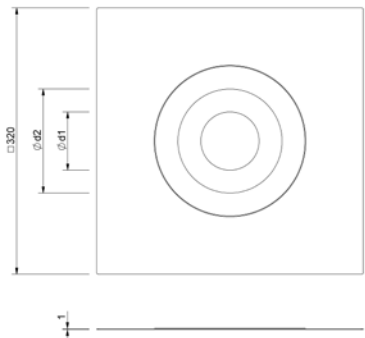
Sealing sleeve



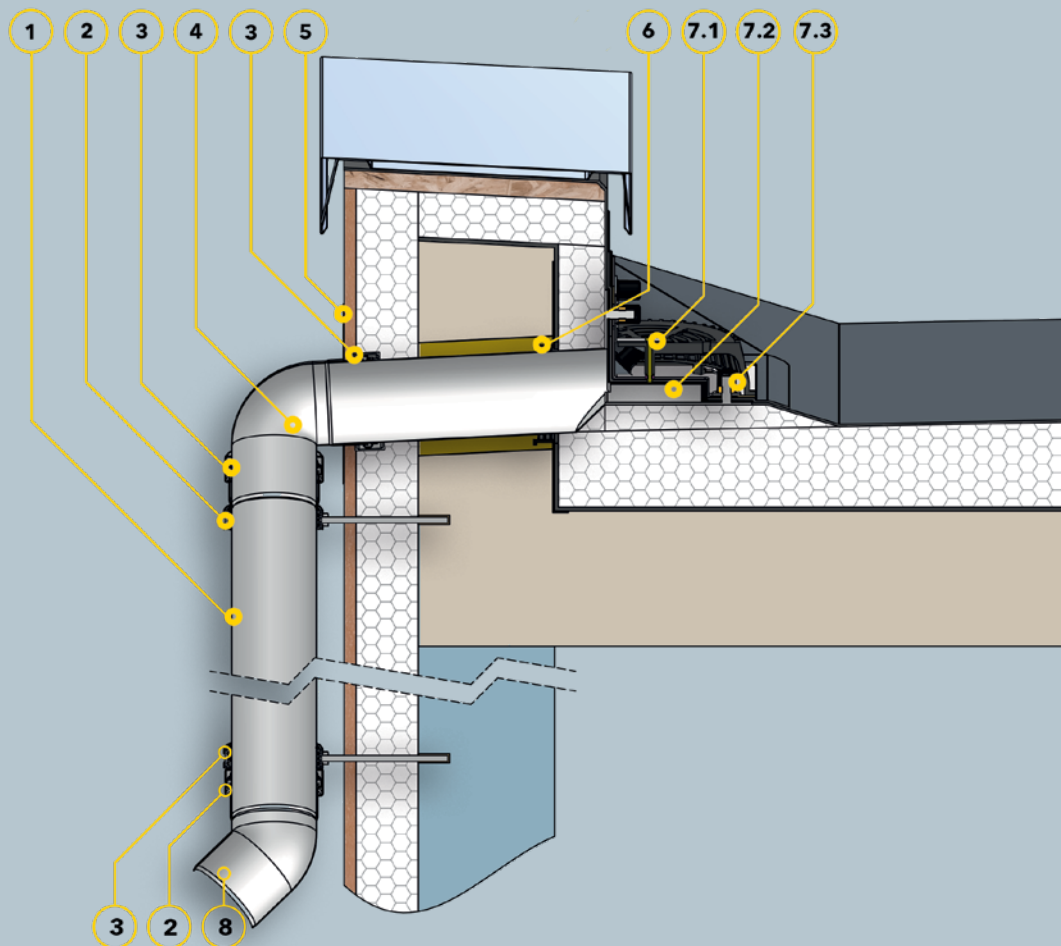
Tender text

SitaMore sealing sleeve for WDVS, made of fleece-butyl, one-part render-compatible air sealing sleeve designed to be concealed in plastic, for the rapid and airtight sealing of pipe fairleads in the thermal insulation composite system according to DIN 4108-7 and GEG, in sizes DN 70 and DN 100, measuring 320 x 320 mm, with highly flexible EPDM seal, self-adhesive render-compatible fleece butyl collar for permanent bonding to the substrate (adhesion primer may be necessary) and between the fleece bonding surface and the render, supply and install to professional standards.

Technical drawing



DN	d1 (mm)	d2 (mm)	Article number
70	45	110	18 00 75
100	70	125	18 00 11



Components

- 1 SitaPipe stainless steel pipe
- 2 SitaPipe stainless steel pipe clamp
- 3 SitaPipe stainless steel safety clamp
- 4 SitaPipe stainless steel bend 87.5°
- 5 SitaAttika cladding cover plate
- 6 SitaMore vapour barrier plate flex

SitaRondo consisting of:

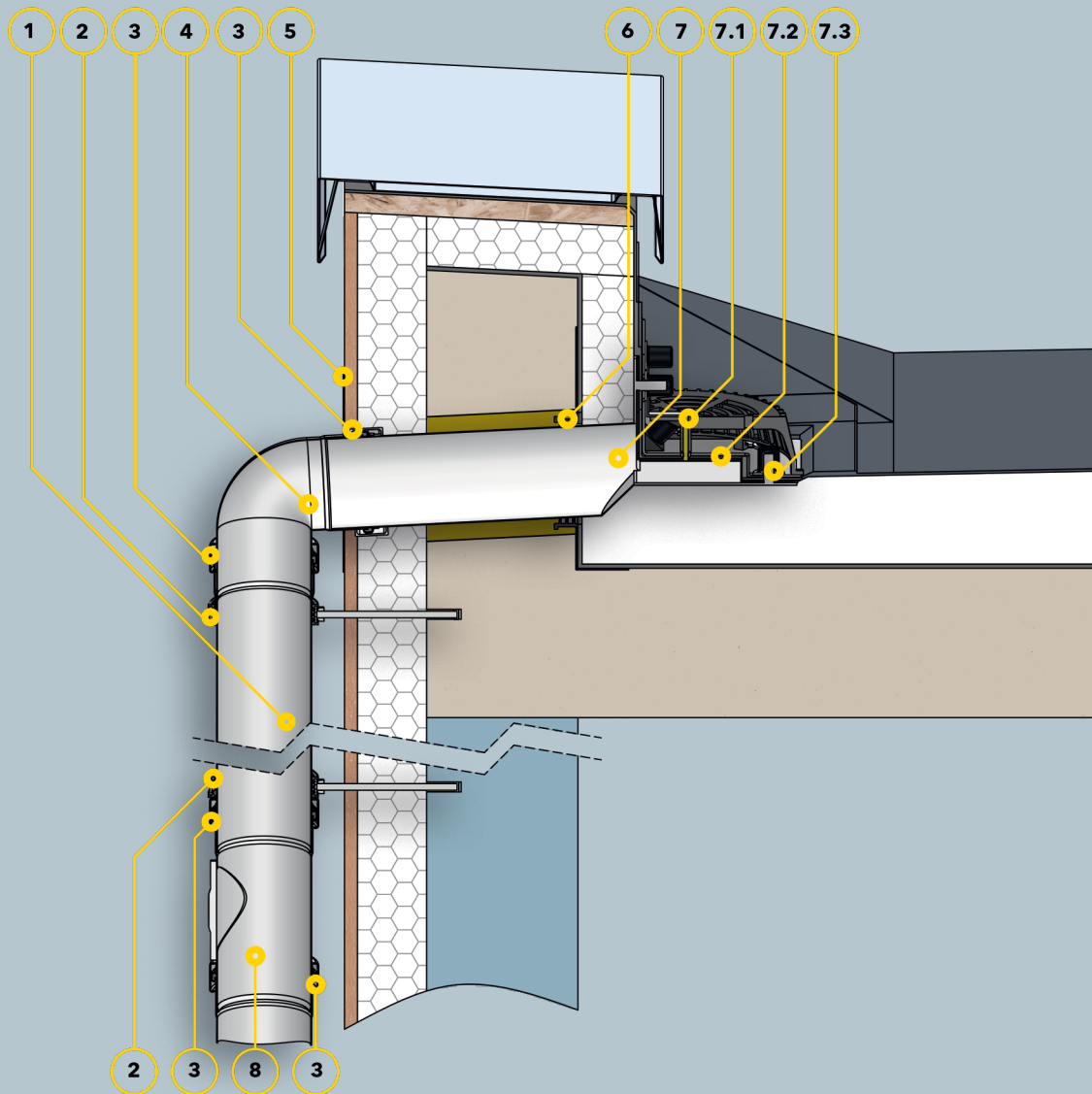
- 7.1 Dome grate with mounting bracket
- 7.2 Loose flange and sealing sleeves
- 7.3 Washers, nuts and protective caps

- 8 SitaPipe stainless steel bend 45°

Roof structure

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

- + Sealing
- + Thermal insulation
- + Vapour barrier
- + Substructure
- + Parapet lead-through with joint tape



Components

- 1 SitaPipe stainless steel pipe
- 2 SitaPipe stainless steel pipe clip
- 3 SitaPipe stainless steel safety clamp
- 4 SitaPipe stainless steel bend 87.5°
- 5 SitaAttika cladding cover plate
- 6 SitaMore vapour barrier flex

SitaRondo consisting of:

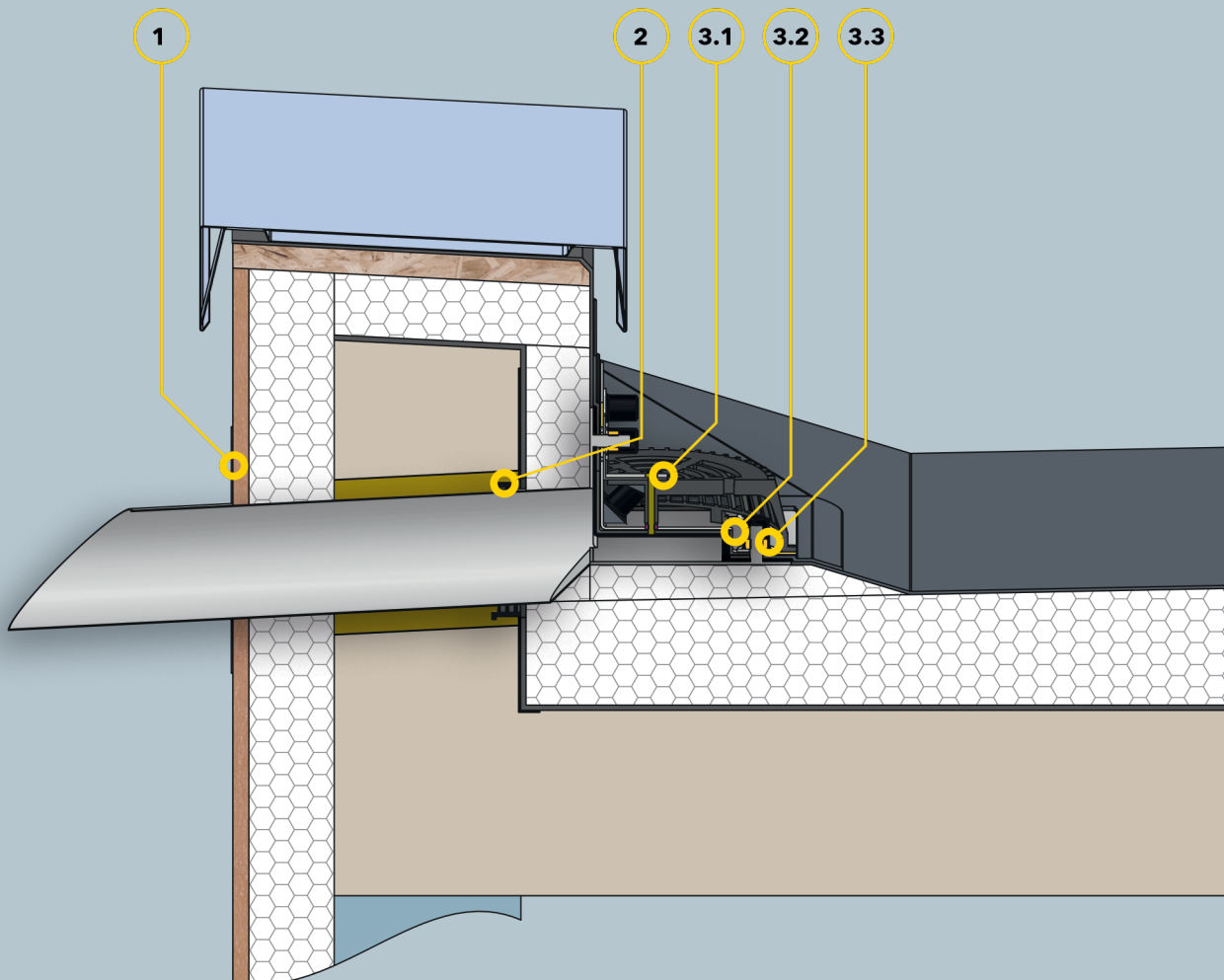
- 7.1 dome grate with fixing bracket
- 7.2 Loose flange with sealing collars
- 7.3 Washers, nuts and protective caps

- 8 SitaPipe stainless steel cleaning pipe

Roof structure

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

- + Sealing
- + Thermal insulation
- + Vapour barrier
- + Substructure
- + Parapet opening with joint tape



Components

- 1 SitaAttika cladding cover plate
- 2 SitaMore vapour barrier plate flex

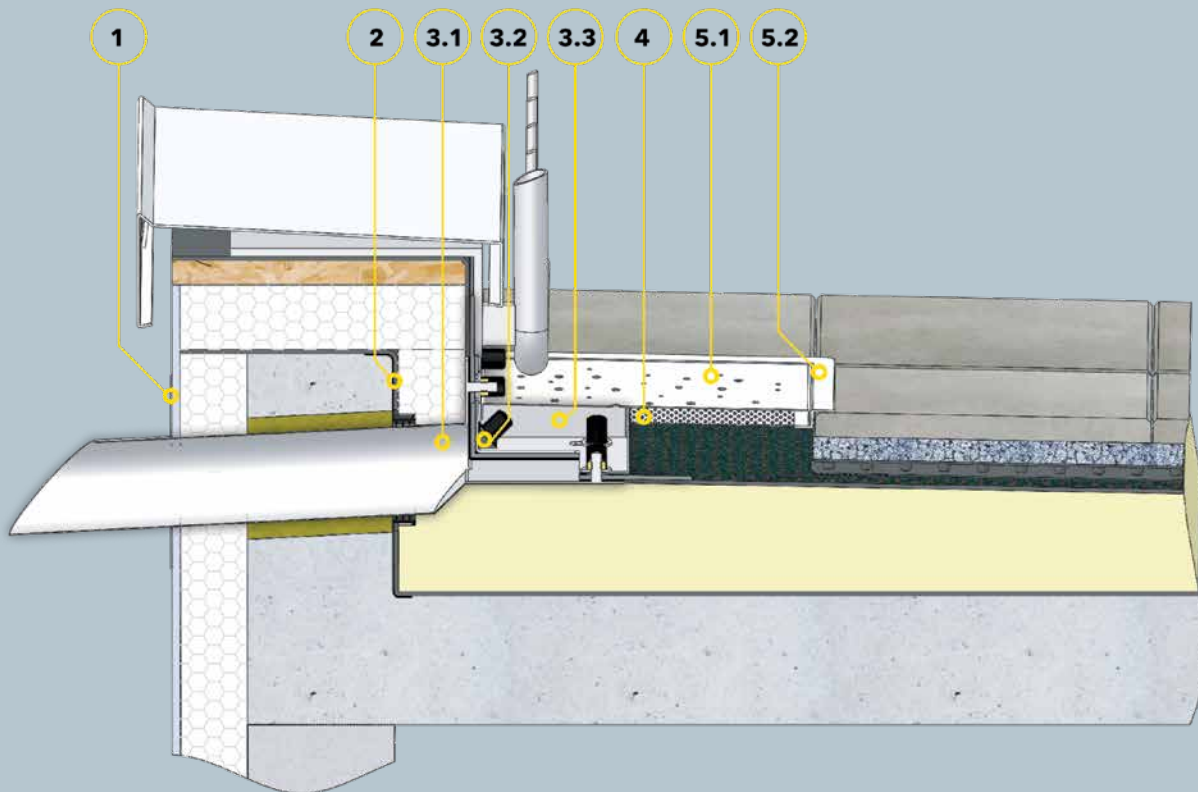
SitaRondo, consisting of:

- 3.1 Dome grate with mounting bracket
- 3.2 Loose flange with sealing sleeves
- 3.3 Washers, nuts and protective caps

Roof structure

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

- + Sealing
- + Thermal insulation
- + Vapour barrier
- + Substructure
- + Parapet opening with joint tape



Components

- 1 SitaAttika cladding cover plate
- 2 SitaMore vapour barrier plate flex

SitaRondo with loose retaining flange consisting of:

- 3.1 SitaRondo
- 3.2 Screws, washers and seals
- 3.3 Loose retaining flange

- 4 SitaDrain® gravel strip

SitaDrain® profile frame consisting of:

- 5.1 Inspection grate
- 5.2 Profile frame

Roof structure

Non-ventilated roof structure according to the general rules of engineering with slab cover in split bed with:

- + Slab paving
- + Split bed
- + Filter fleece
- + Surface drainage
- + Building protection mat
- + Sealing
- + Thermal insulation
- + Vapour barrier
- + Substructure
- + Parapet opening with joint tape