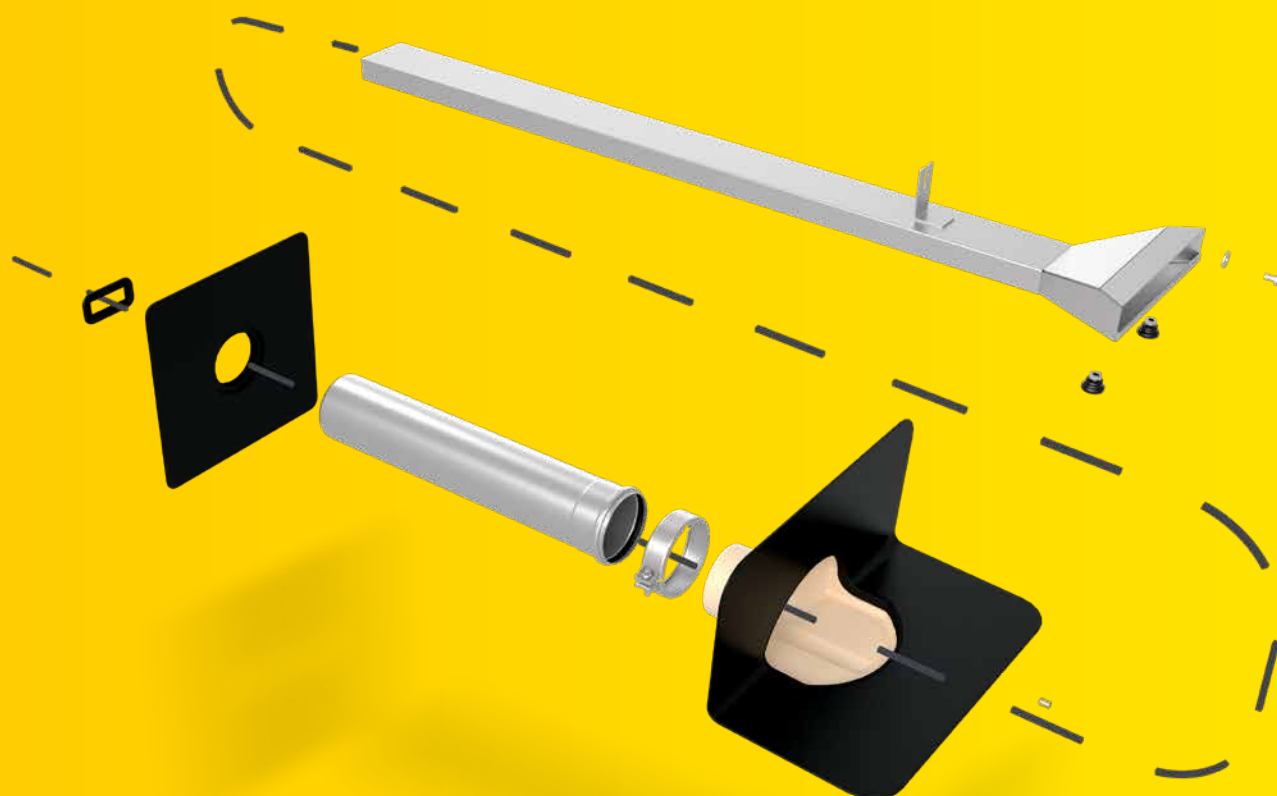


SitaVasant

Flat solution. High performance.



- + For main drainage or combined main/emergency drainage
- + As a set for easy installation
- + In combination with a transition piece for connection to the downpipe
- + With connection sleeve of choice



SitaVasant



SitaVasant
Double



SitaVasant
Single



SitaVasant
Grating



SitaVasant
Double grating



SitaVasant
Double adapter



SitaVasant
Double emergency
drainage channel



SitaVasant
Insulating body horizontal

SitaVasant

Product features at a glance:

Product features

Applications	For main drainage or combined main/emergency drainage of flat and slightly pitched, used and unused roof surfaces
Material	Polyurethane
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
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

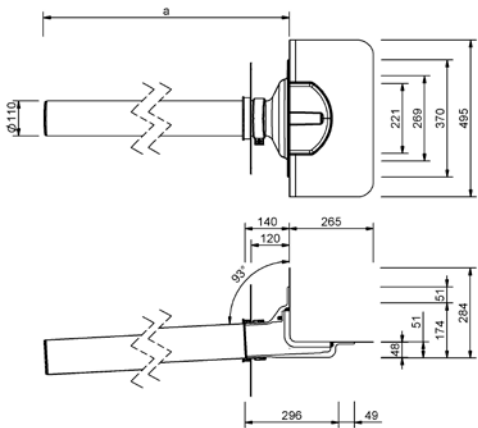




Tender text

SitaVasant for direct installation in the parapet, made of polyurethane, with connection sleeve of choice, size DN 100, discharge rate 3.1 l/s at 35 mm retaining height at the downpipe, very low inlet pot of 48 mm, as a kit including connection pipe and safety clamp made of rust-proof stainless steel, material number 1.4301 and flex vapour barrier plate, for conventional drainage, supply and install to professional standards.

Technical drawing



DN	OD	Opening/Core borehole (mm)	Article number
100	110	170	50 04 xx

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
100	0,5	0,9	1,6	2,0	2,3	2,7	3,0	3,4	3,6	4,0	4,5	4,8	5,3	5,6	6,1	6,8	7,2	7,7	8,1	8,4

Discharge rate with 3-metre fall pipe

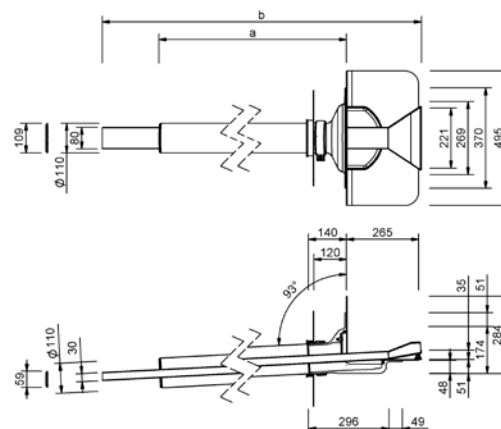
DN	Retaining hight (mm)																			
	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100
100	0,9	1,5	2,1	2,5	2,9	3,1	3,1	3,6	3,8	4,2	4,8	5,7	6,7	7,5	9,0	10,5	12,5	14,1	15,3	17,0



Tender text

SitaVasant Double for direct installation in the parapet, made of polyurethane and rust-proof stainless steel, material number 1.4301, main drainage and emergency drainage in one, with connection sleeve of choice, size DN 100, discharge rate 2.9 l/s at up to 35 mm retaining height in main drainage and 2.3 l/s at 35 mm retaining height in emergency drainage with SitaVasant transition piece, very low inlet pot of 48 mm, as a kit including outlet, connection pipe, safety clamp, channel, transition piece and flex vapour barrier plate, for conventional drainage, supply and install to professional standards.

Technical drawing



DN	OD	Opening/Core borehole (mm)	Article number
100	110	170	50 05 xx

Discharge rate according to DIN EN 1253-2

DN	Retaining height (mm)																			
	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100
100	0,5	0,7	1,3	1,7	2,1	2,4	2,7	2,9	3,1	3,3	3,5	3,7	4,0	4,1	4,3	4,5	4,8	5,0	5,2	5,5

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
100	0,5	0,8	1,1	1,5	1,8	2,1	2,3	2,4	2,6	2,7	2,8	2,9	2,9	2,9	2,9	2,9	2,9	2,9	2,9	2,9

Discharge rate with 3-metre fall pipe

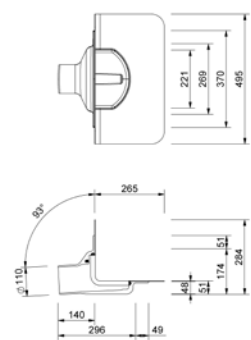
DN	Retaining height (mm)																			
	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100
100	0,5	0,8	1,2	1,7	2,3	2,5	2,9	3,1	3,5	3,7	4,3	4,6	5,4	5,8	6,7	7,3	8,4	9,0	10,8	12,0



Tender text

SitaVasant Single for direct installation in the parapet, made of polyurethane, with connection sleeve of choice, size DN 100, discharge rate 3.1 l/s at 35 mm retaining height at the downpipe, very low inlet pot of 48 mm, for conventional drainage, supply and install to professional standards.

Technical drawing



DN	OD	Opening/Core borehole (mm)	Article number
100	110	170	50 03 xx

Discharge rate according to DIN EN 1253-2

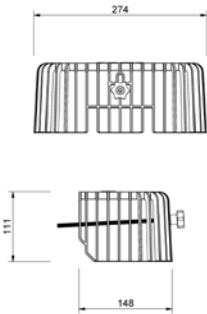
DN	Retaining hight (mm)																			
	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100
100	0,5	0,9	1,6	2,0	2,3	2,7	3,0	3,4	3,6	4,0	4,5	4,8	5,3	5,6	6,1	6,8	7,2	7,7	8,1	8,4



Tender text

SitaVasant dome grate, made of polyamide, for screwing into the threaded bushing, with star knob, supply and install to professional standards.

Technical drawing



Article number
51 10 00

SitaVasant

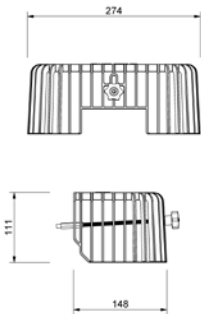
Double grating



Tender text

SitaVasant Double dome grate, made of polyamide, for screwing into the threaded bushing, with star knob, supply and install to professional standards.

Technical drawing



Article number
51 20 00

SitaVasant

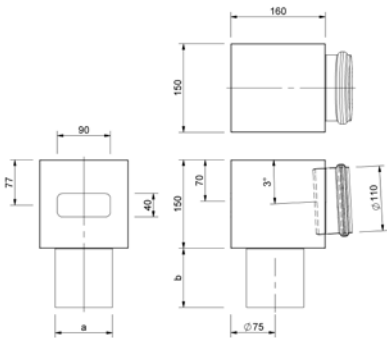
Double adapter



Tender text

SitaVasant Double transition piece made of rust-proof stainless steel, material number 1.4301, for connecting SitaVasant and SitaVasant emergency inlet channel to a downpipe system and for increasing the discharge values, with prefabricated recess for the emergency inlet channel and welded coupler for the main drainage channel, supply and install to professional standards.

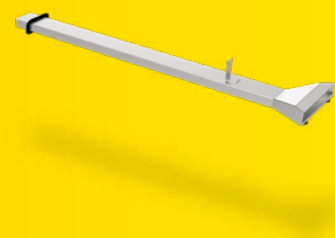
Technical drawing



DN	Execution	a (mm)	b (mm)	Article number
100	on SitaPipe stainless steel pipe DN 100	110	70	50 10 00
	on zinc downpipe DN 100	97	100	50 11 00

SitaVasant

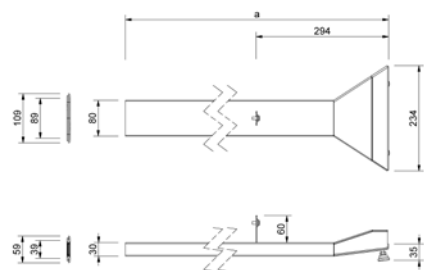
Double emergency drainage channel



Tender text

SitaVasant Double emergency drainage channel, made of stainless steel, material number 1.4301, for emergency drainage, for installation in the SitaVasant, height of the inlet edge 35 mm, component length 1121 or 1621 mm, with welded-on bracket for fastening to the outlet, including hinged feet and sealing ring, supply and install to professional standards.

Technical drawing



Execution	a (mm)	Article number
For 500 mm	1122	50 90 03
For 1000 mm	1622	50 90 04

SitaVasant

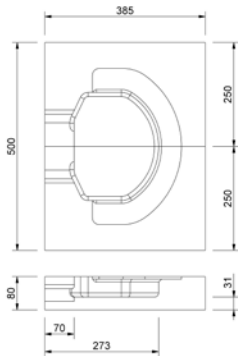
Insulating body horizontal



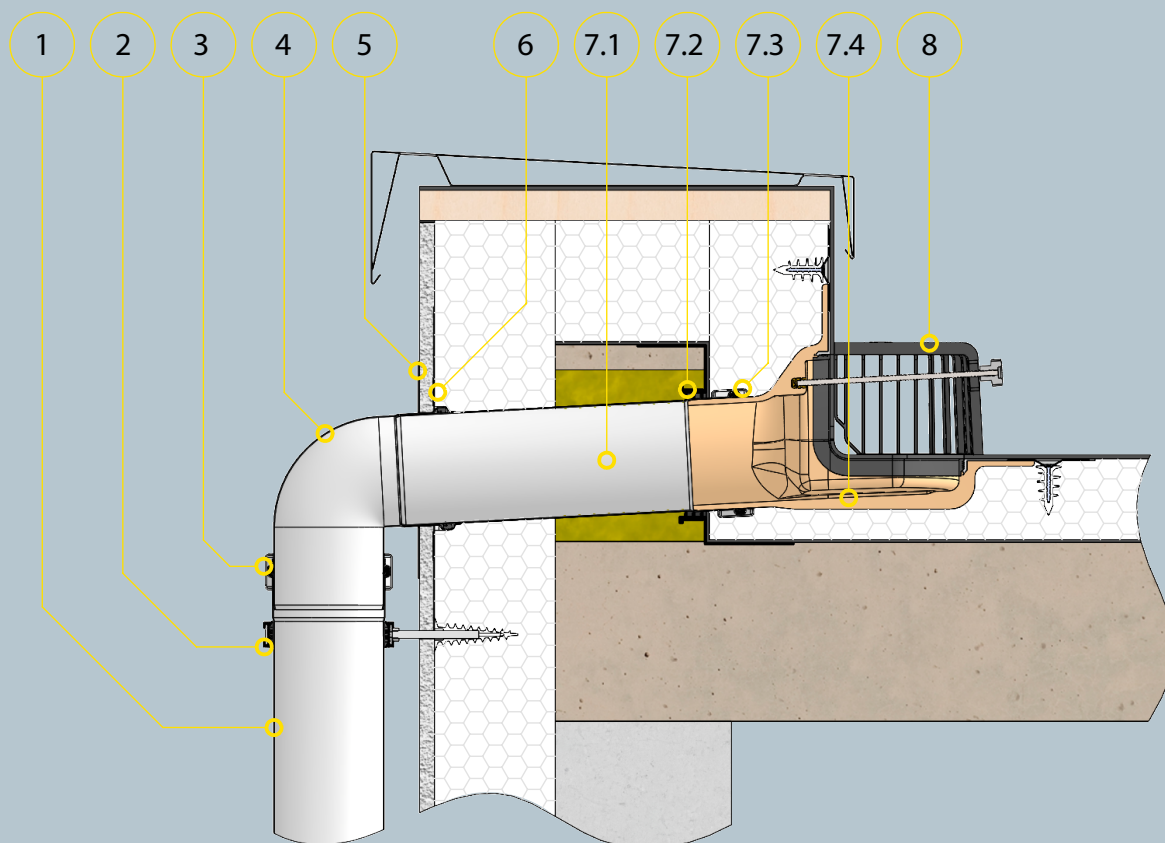
Tender text

SitaVasant horizontal insulating body, made of polyurethane (PUR) with aluminium cover layers, in two parts, size 500 x 385 x 80 mm, thermal conductivity $\lambda = 0.023 \text{ W/mK}$, compressive strength 120 kPa, as an installation aid with precisely fitting profiling and as thermal insulation to prevent thermal bridges, supply and install to professional standards.

Technical drawing



Compatibility	Article number
SitaVasant, SitaVasant Double	50 90 06



Components

- 1 SitaPipe stainless steel pipe
- 2 SitaPipe stainless steel pipe clamp
- 3 SitaPipe stainless steel safety clamp
- 4 SitaPipe stainless steel bend
- 5 SitaAttika cladding cover plate
- 6 SitaMore sealing sleeve

SitaVasant consisting of:

- 7.1 Pipe
- 7.2 Vapour barrier plate
- 7.3 Safety clamp
- 7.4 Gully

- 8 SitaVasant dome grate

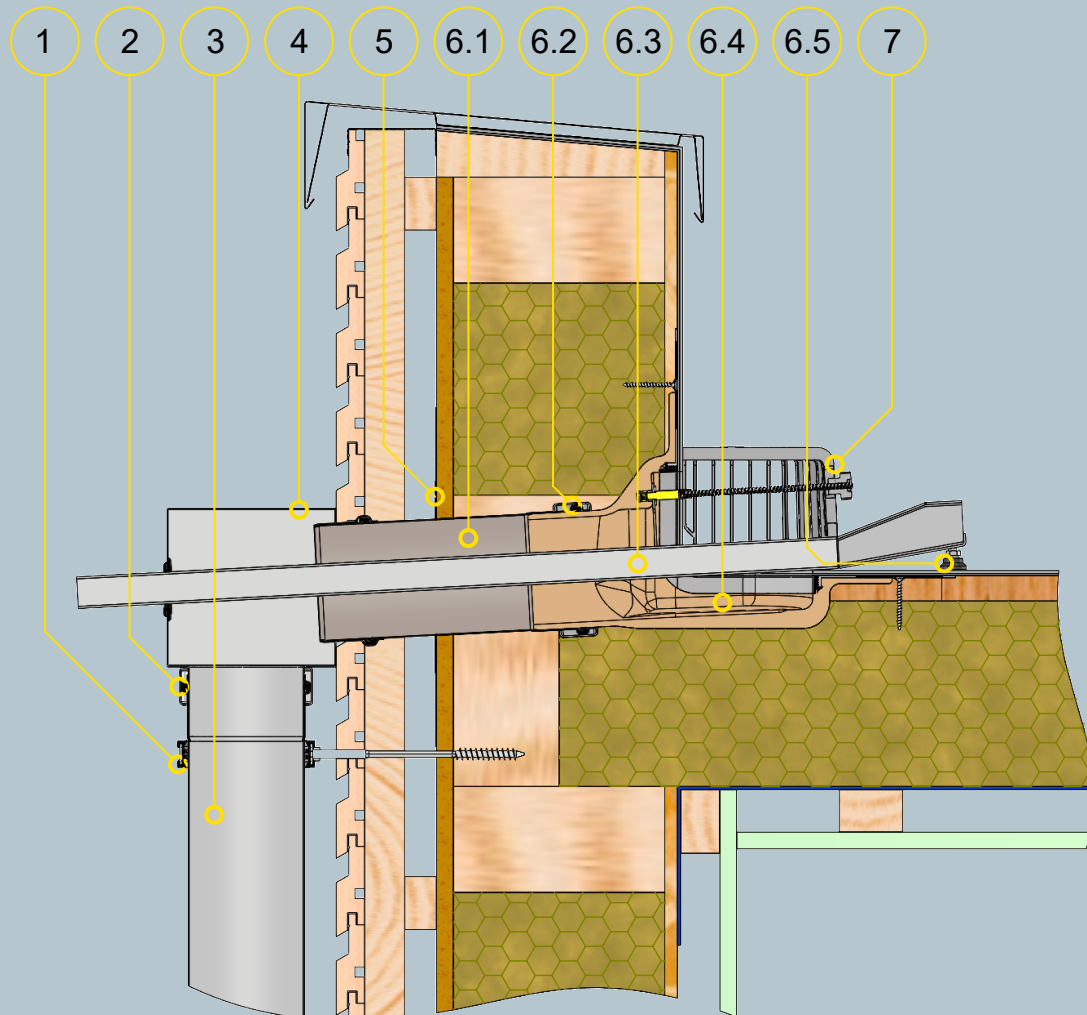
Roof structure

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

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

SitaVasant Double

SitaVasant Double with dome grate in timber frame construction



Components

- 1 SitaPipe stainless steel pipe clamp
- 2 SitaPipe stainless steel safety clamp
- 3 SitaPipe stainless steel pipe
- 4 SitaVasant Double transition piece
- 5 SitaMore sealing sleeve

SitaVasant Double consisting of:

- 6.1 Pipe
- 6.2 Safety clamp
- 6.3 Emergency drainage channel
- 6.4 Outlet
- 6.5 Hinged foot

- 7 SitaVasant Double dome grate

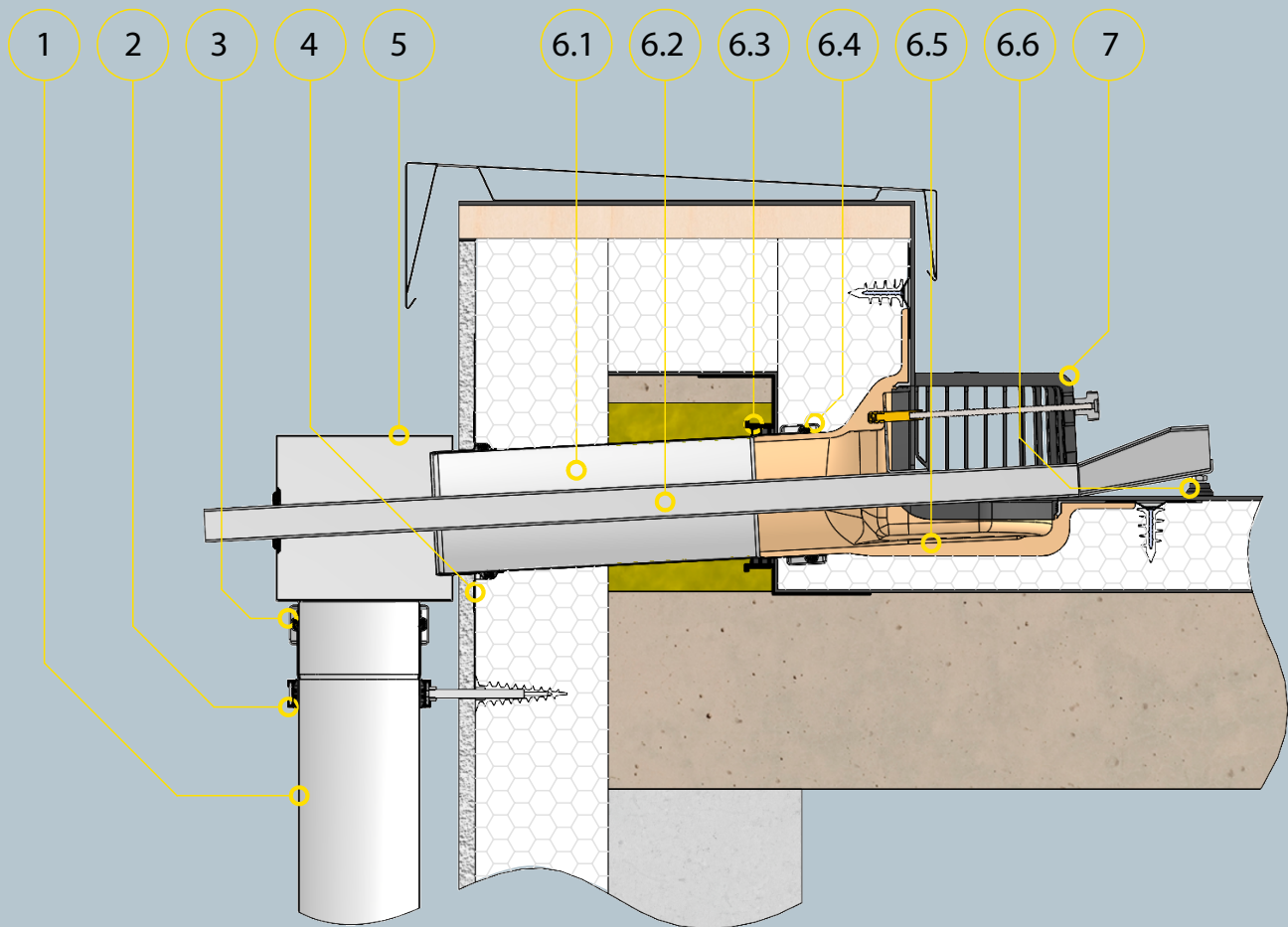
Roof structure

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

- + Waterproofing
- + Ceiling beam
- + Thermal insulation
- + Vapour barrier

SitaVasant Double

SitaVasant Double with dome grate in a non-ventilated roof structure



Components

- 1 SitaPipe stainless steel pipe
- 2 SitaPipe stainless steel pipe clamp
- 3 SitaPipe stainless steel safety clamp
- 4 SitaMore sealing sleeve
- 5 SitaVasant Double transition piece

SitaVasant Double consisting of:

- 6.1 Pipe
- 6.2 Emergency drainage channel
- 6.3 Vapour barrier plate
- 6.4 Safety clamp
- 6.5 Gully
- 6.6 Hinged foot

- 7 SitaVasant Double dome grate

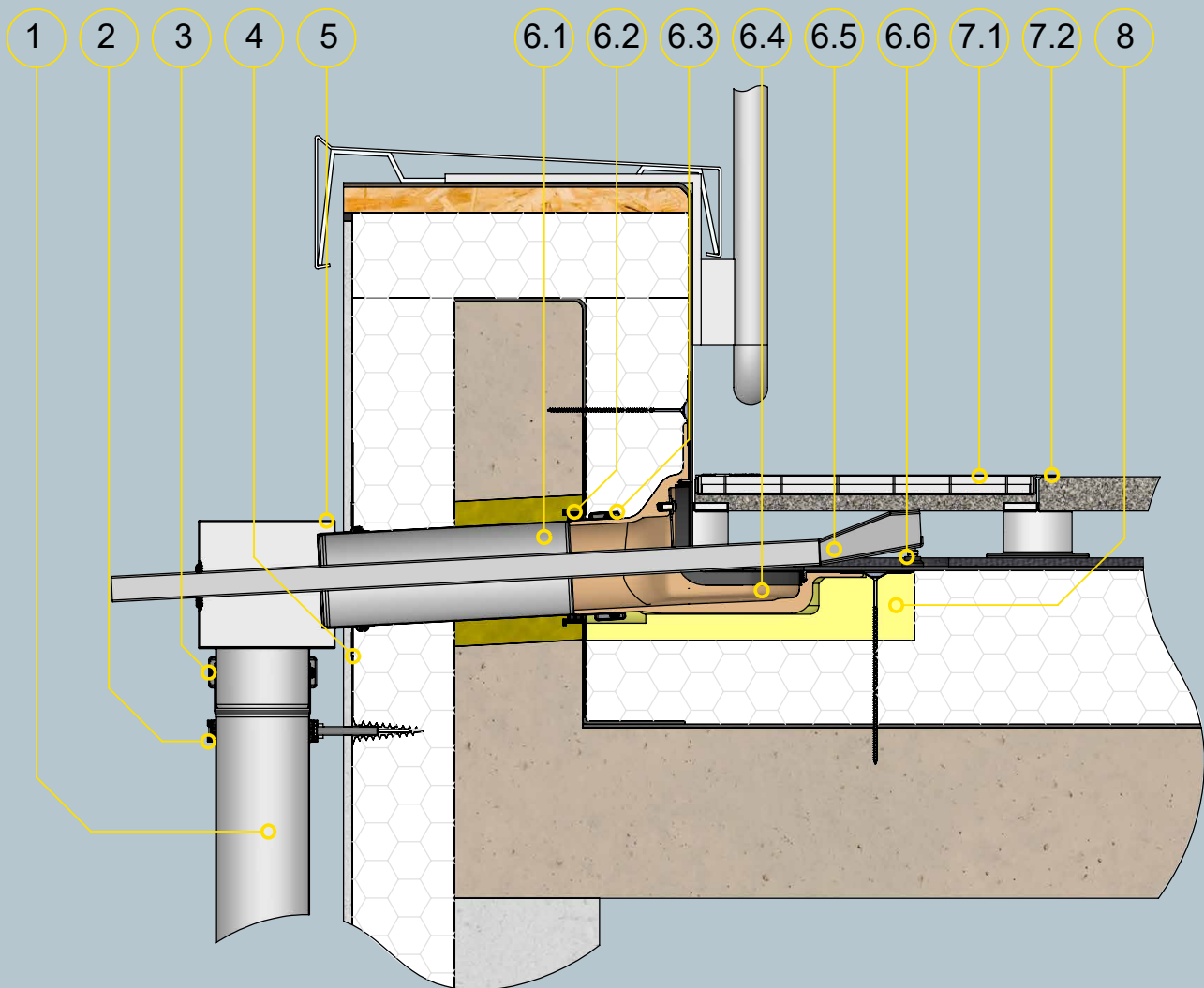
Roof structure

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

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

SitaVasant Double

SitaVasant Double and SitaDrain profile frames in a non-ventilated roof structure with panel cladding



Components

- 1 SitaPipe stainless steel pipe
- 2 SitaPipe stainless steel pipe clamp
- 3 SitaPipe stainless steel locking clamp
- 4 SitaMore sealing sleeve
- 5 SitaVasant Double transition piece

SitaVasant Double consisting of:

- 6.1 Pipe
- 6.2 Vapour barrier plate
- 6.3 Safety clamp
- 6.4 Gully
- 6.5 Emergency drainage channel with seal for water collection box

- 6.6 Adjustable support feet

SitaDrain profile frame consisting of:

- 7.1 Grating
- 7.2 Profile frame
- 8 SitaVasant insulation body, horizontal

Roof structure

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

- + Paving slabs on pedestals
- + Protection layer
- + Waterproofing
- + Insulation
- + Vapour barrier
- + Structural deck