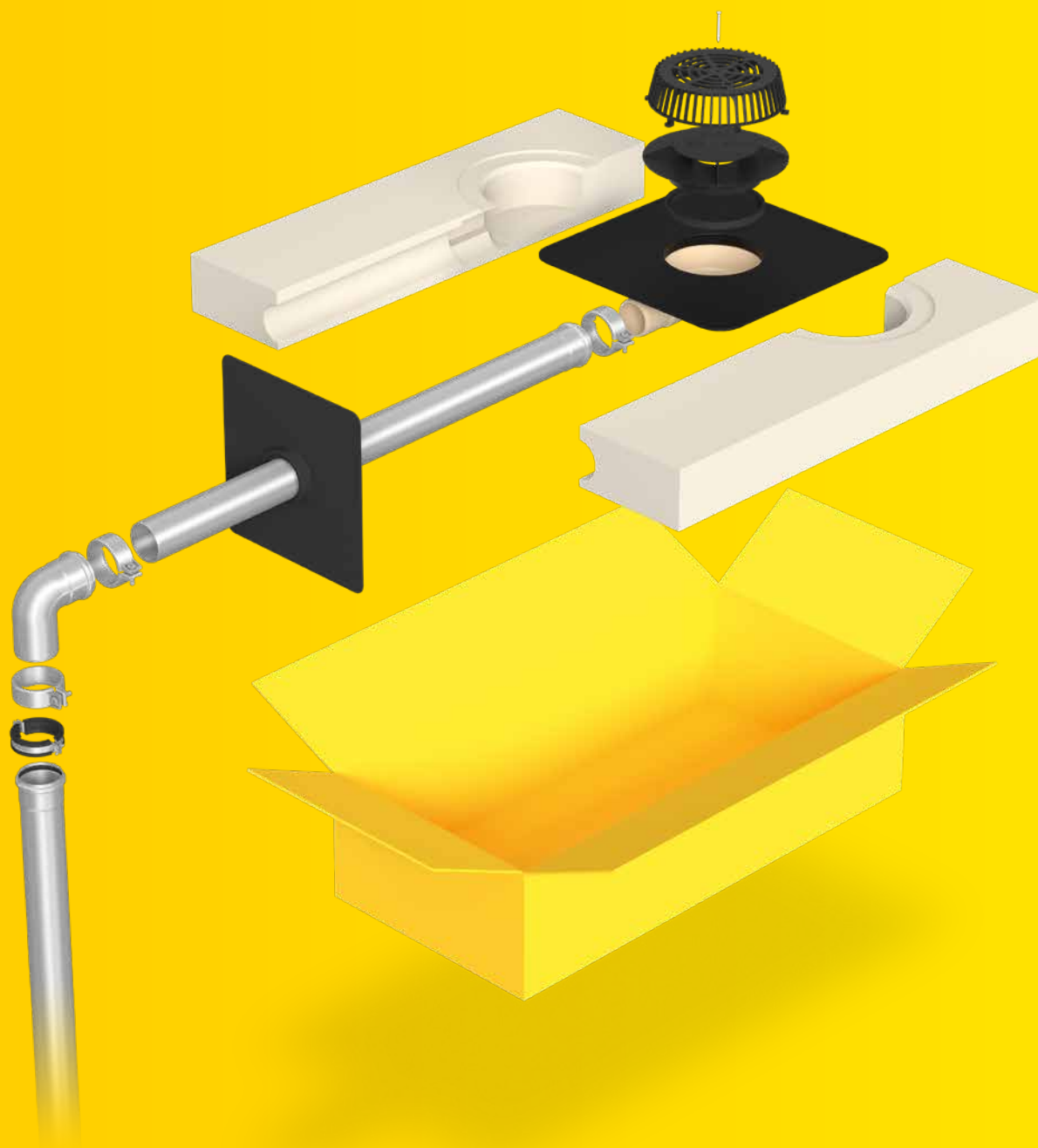


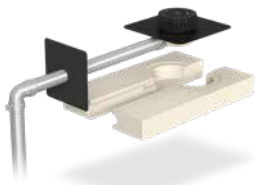
SitaDSS Indra

Performs well under pressure. Safety in the set.

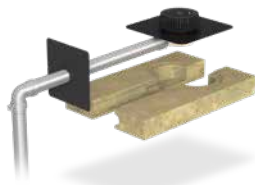


SitaDSS Indra

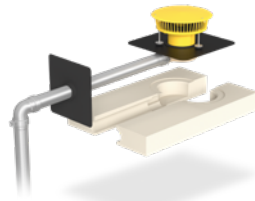
- + Siphonic draining for small and large areas
- + Safe installation with complete set
- + Particularly high discharge rate up to 17.3 l/s
- + Available with three alternative downpipe lengths
- + Can be combined with the SitaPipe stainless steel pipe system



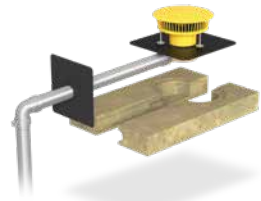
SitaDSS Indra
Main drainage set
Polyurethane
insulating body



SitaDSS Indra
Main drainage set
Mineral wool
insulating body



SitaDSS Indra
Emergency drainage set
Polyurethane
insulating body



SitaDSS Indra
Emergency drainage set
Mineral wool
insulating body



SitaMore
Vapour barrier plate



SitaAttika
Cladding cover plate



SitaMore
Sealing sleeve

SitaDSS Indra

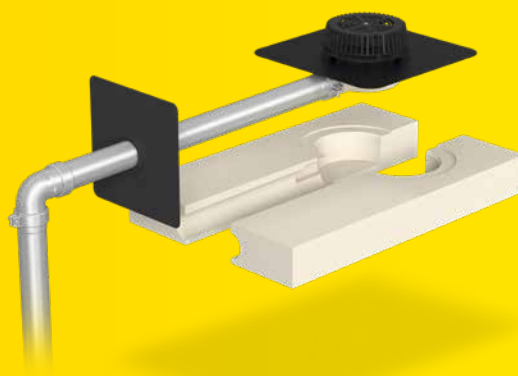
Product features at a glance:

Product features

Applications	For main and emergency drainage to DIN EN 12056-3 and DIN 1986-100 for used and unused flat roofs
Material	Polyurethane (outlet/insulating body), rust-proof stainless steel, material number 1.4301 (pipe system)
Design	Polyurethane insulating body Mineral wool insulating body
Temperature resistance, min.	-40 °C
Temperature resistance, max.	80 °C
Material class	Euroclass A1 / A1 non-flammable, Euroclass E / B2 normal flammability
Properties	+ Not sensitive to the weather (UV/IR radiation, rain/snow, temperature, ozone, etc.) + Impact and shock resistant + Durable + Thermally insulated
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.

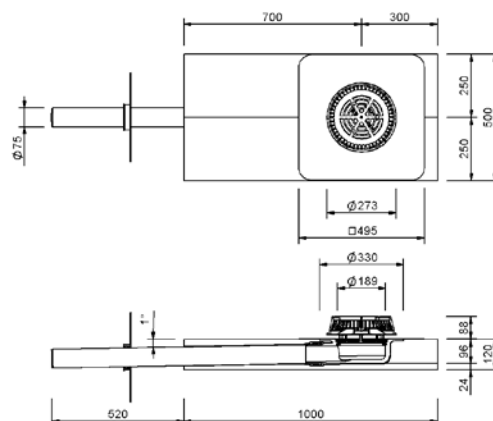
Quality mark





SitaDSS Indra main drainage kit for siphonic drainage, with angled parapet outlet, made of polyurethane, thermally insulated, according to DIN EN 1253-2, size DN 70, discharge rate 17.0 l/s at 45 mm retaining height, with stainless steel connection pipe and safety clamps, flex vapour barrier plate for secure connection to the vapour barrier and PUR insulating body with a thermal conductivity $\lambda = 0.025$ W/mK and a compressive strength of 200 kPa. With large integrated connection sleeve of choice (495 x 495 mm) to suit the roofing membrane and with fixing ring for additional securing of the connection sleeve and for supporting the supplied dome grate with Airstop. Complete as a set with 2.0 m (1 pipe at 2,000 mm), 3.0 m (1 pipe at 1,000 mm + 1 pipe at 2,000 mm), or 4.0 m downpipe (2 pipes at 2,000 mm) including pipe clamps, supply and install to professional standards.

Technical drawing



SitaDSS Indra

Execution	Article number
2-metre fall pipe	14 73 xx
3-metre fall pipe	14 75 xx
4-metre fall pipe	14 77 xx

xx = Article end numbers for connection sleeve of choice

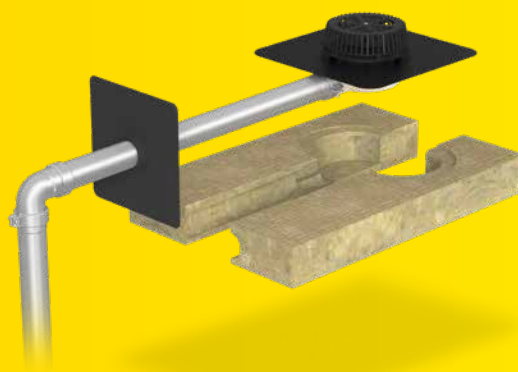
Discharge rate according to DIN EN 1253-2

[illegible]

SitaDSS Indra

Main drainage set

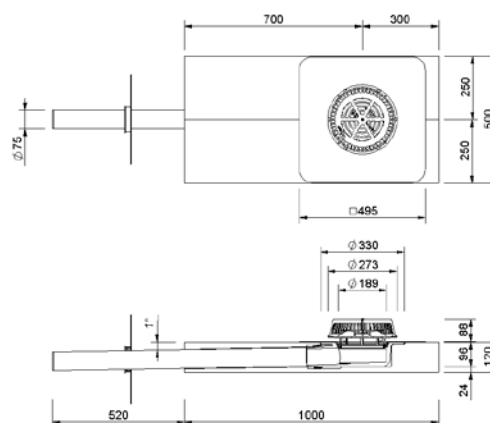
Mineral wool insulating body



Tender text

SitaDSS Indra main drainage kit for siphonic drainage, with angled parapet outlet, made of polyurethane, thermally insulated, according to DIN EN 1253-2, size DN 70, discharge rate 17.0 l/s at 45 mm retaining height, with stainless steel connection pipe and safety clamps, flex vapour barrier plate for secure connection to the vapour barrier and two-part insulating body made of mineral wool with a thermal conductivity $\lambda=0.040$ W/mK and a compressive strength of 70 kPa. With large integrated connection sleeve of choice (495 x 495 mm) to suit the roofing membrane and with fixing ring for additional securing of the connection sleeve and for supporting the supplied dome grate with Airstop. Complete as a set with 2.0 m (1 pipe at 2,000 mm), 3.0 m (1 pipe at 1,000 mm + 1 pipe at 2,000 mm), or 4.0 m downpipe (2 pipes at 2,000 mm) including pipe clamps, supply and install to professional standards.

Technical drawing



SitaDSS Indra

Execution	Article number
2-metre fall pipe	14 83 xx
3-metre fall pipe	14 85 xx
4-metre fall pipe	14 87 xx

xx = Article end numbers for connection sleeve of choice

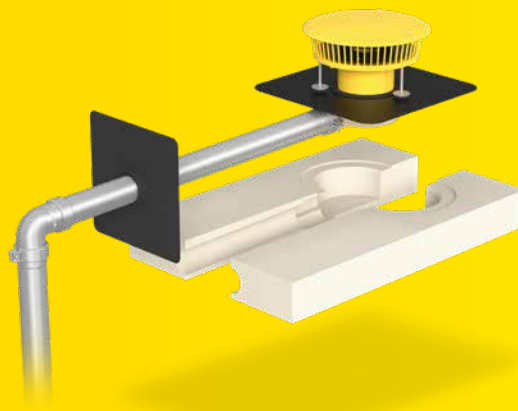
Discharge rate according to DIN EN 1253-2

Execution	Retaining hight (mm)																			
	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100
2.0 m	0.7	2.1	3.4	5.0	6.6	8.6	10.6	12.0	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4
3.0 m	0.9	2.3	3.4	5.1	6.7	8.7	10.7	13.6	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5
4.0 m	0.9	2.4	3.9	5.5	7.1	9.1	11.0	14.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0

SitaDSS Indra

Emergency drainage set

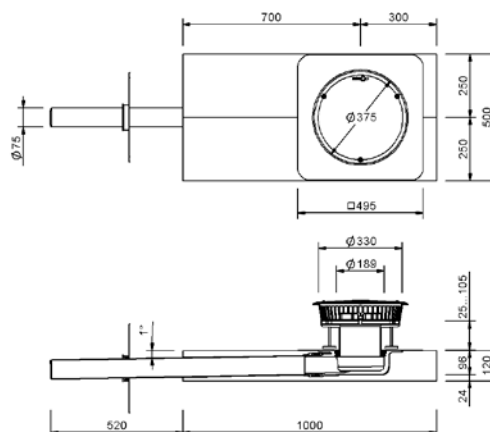
Polyurethane insulating body



Tender text

SitaDSS Indra emergency drainage kit for siphonic drainage, with angled parapet outlet, made of polyurethane, thermally insulated, according to DIN EN 1253-2, size DN 70, discharge rate 17.3 l/s at 45 mm retaining height, with stainless steel connection pipe and safety clamps, flex vapour barrier plate for secure connection to the vapour barrier and PUR insulating body with a thermal conductivity $\lambda=0.025$ W/mK and a compressive strength of 200 kPa. With large integrated connection sleeve of choice (495 x 495 mm) to suit the roofing membrane and with fixing ring for additional securing of the connection sleeve and for supporting the supplied retaining element with Airstop and sealing ring. Complete as a set with 2.0 m (1 pipe at 2,000 mm), 3.0 m (1 pipe at 1,000 mm + 1 pipe at 2,000 mm), or 4.0 m downpipe (2 pipes at 2,000 mm) including pipe clamps, supply and install to professional standards.

Technical drawing



Execution	Article number
2-metre fall pipe	14 74 xx
3-metre fall pipe	14 76 xx
4-metre fall pipe	14 78 xx

xx = Article end numbers for connection sleeve of choice

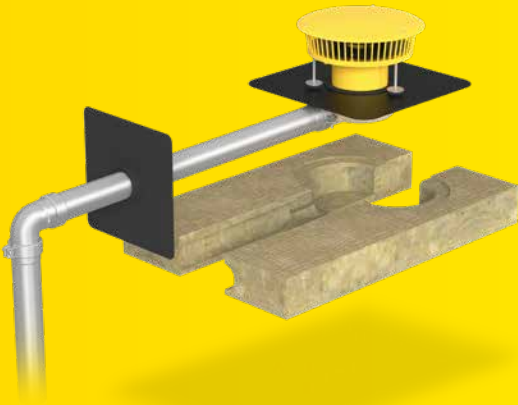
Discharge rate according to DIN EN 1253-2

Execution	Retaining height (mm)																			
	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100
2.0 m	0.7	2.1	3.4	5.0	6.6	8.6	10.6	12.0	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4
3.0 m	0.9	2.3	3.4	5.1	6.7	8.7	10.7	13.6	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5
4.0 m	0.9	2.4	3.9	5.5	7.1	9.1	11.0	14.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0

SitaDSS Indra

Emergency drainage set

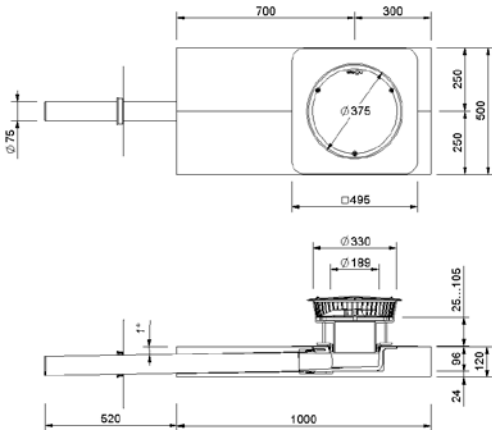
Mineral wool insulating body



Tender text

SitaDSS Indra emergency drainage kit for siphonic drainage, with angled parapet outlet, made of polyurethane, thermally insulated, according to DIN EN 1253-2, size DN 70, discharge rate 17.3 l/s at 45 mm retaining height, with stainless steel connection pipe and safety clamps, flex vapour barrier plate for secure connection to the vapour barrier and two-part insulating body made of mineral wool with a thermal conductivity $\lambda=0.040$ W/mK and a compressive strength of 70 kPa. With large integrated connection sleeve of choice (495 x 495 mm) to suit the roofing membrane and with fixing ring for additional securing of the connection sleeve and for supporting the supplied retaining element with Airstop and sealing ring. Complete as a set with 2.0 m (1 pipe at 2,000 mm), 3.0 m (1 pipe at 1,000 mm + 1 pipe at 2,000 mm), or 4.0 m downpipe (2 pipes at 2,000 mm) including pipe clamps, supply and install to professional standards.

Technical drawing



Execution	Article number
2-metre fall pipe	14 84 xx
3-metre fall pipe	14 86 xx
4-metre fall pipe	14 88 xx

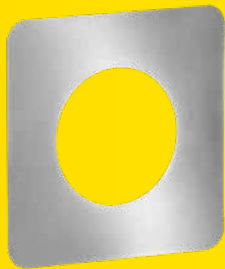
xx = Artikelendziffer für Wunschanchlussmanschette

Abflussmenge in l/s nach DIN EN 1253

Execution	Retaining hight (mm)																			
	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100
2.0 m	0.9	2.1	3.3	5.2	7.0	10.0	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9
3.0 m	0.9	2.1	3.3	5.2	7.1	10.6	14.0	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7
4.0 m	0.9	2.1	3.3	5.2	7.1	10.6	11.0	14.0	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3

SitaAttika

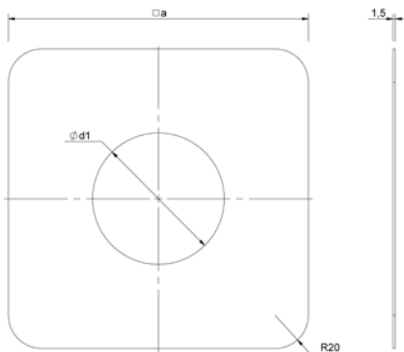
Cladding cover plate



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

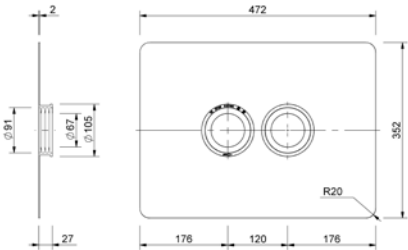
Vapour barrier plate



Tender text

SitaMore vapour barrier plate Duoflex, made of EPDM, with adhesive flange for flexible vapour-tight connection of the vapour barrier to round pipes in sizes DN 70, with two multi-lip integrated sealing areas, supply and install to professional standards.

Technical drawing



Compatibility	Article number
SitaIndra, SitaEasy, SitaPipe stainless steel pipe	18 76 90

SitaMore

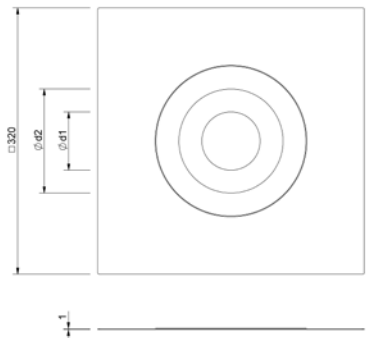
Sealing sleeve



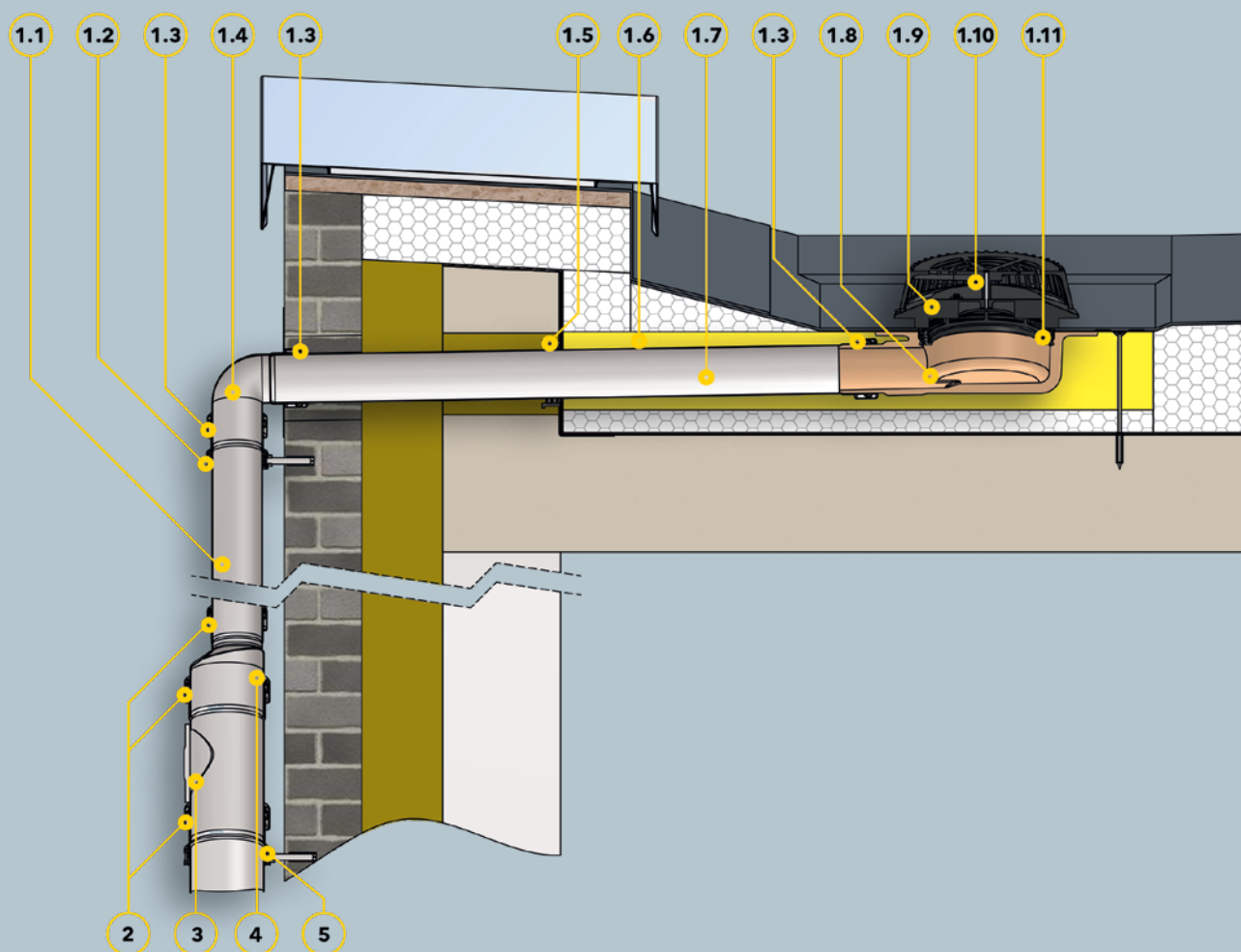
Tender text

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

SitaDSS Indra main drainage set consisting of:

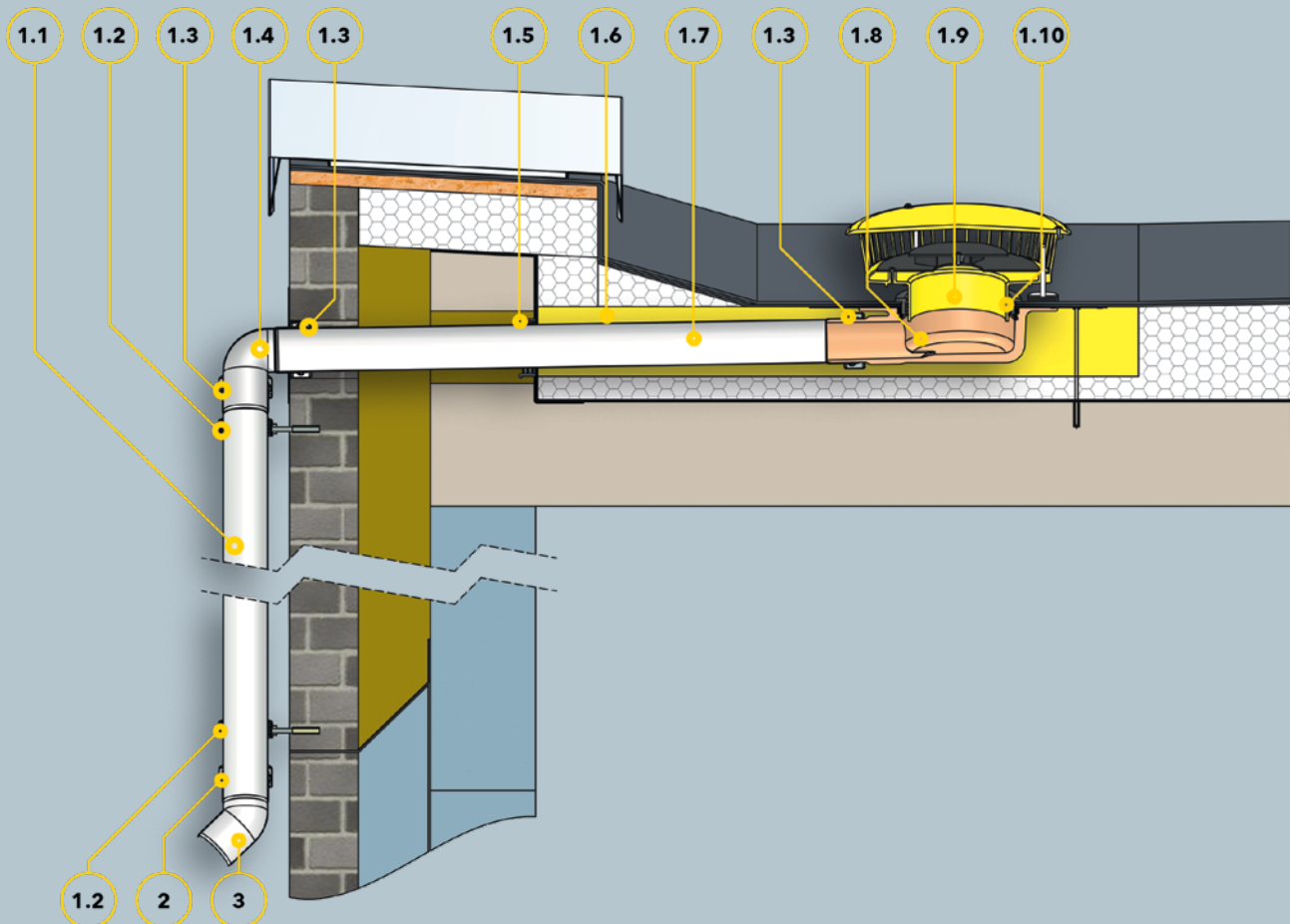
- 1.1 SitaPipe stainless steel pipe
- 1.2 SitaPipe stainless steel pipe clamp
- 1.3 SitaPipe stainless steel safety clamp
- 1.4 SitaPipe stainless steel bend 87.5°
- 1.5 SitaMore vapour barrier plate flex
- 1.6 SitaIndra insulating body
- 1.7 SitaPipe stainless steel pipe
- 1.8 SitaDSS Indra base body
- 1.9 SitaDSS Indra Airstop
- 1.10 SitaDSS Indra dome grate
- 1.11 SitaDSS Indra Airstop fastening ring

- 2 SitaPipe stainless steel safety clamp
- 3 SitaPipe stainless steel cleaning pipe
- 4 SitaPipe stainless steel transition piece eccentric
- 5 SitaPipe stainless steel pipe clamp

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

SitaDSS Indra emergency drainage set consisting of:

- 1.1 SitaAttika pipe
- 1.2 SitaAttika pipe clamp
- 1.3 SitaAttika safety clamp
- 1.4 SitaAttika bend 87.5°
- 1.5 SitaMore vapour barrier plate flex
- 1.6 SitaIndra insulating body
- 1.7 SitaAttika pipe
- 1.8 SitaDSS Indra base body
- 1.9 Retaining element with Airstop
- 1.10 Sealing ring
- 2 SitaAttika safety clamp

3 SitaAttika 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