

Sitaleicht.
Conventional
drainage.



CD

leicht entwässern.



for conventional drainage:

Your roof needs drainage!

Rainwater weighs heavy on roofs – and can be a real test for the seal and structural strength. Conventional drainage is the most common type of roof drainage for flat roofs. It is governed by clear design regulations. The required number of rainwater outlets is defined by the size of the roof area. A separate fall pipe is generally connected to each rainwater outlet – so that rainfall can be drained reliably at all times.

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Sitaleicht

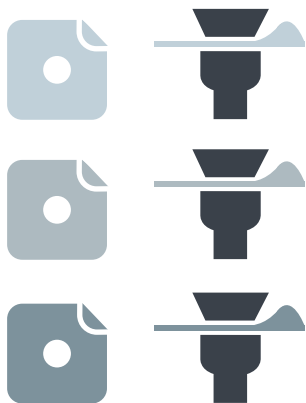
117 Sita product range

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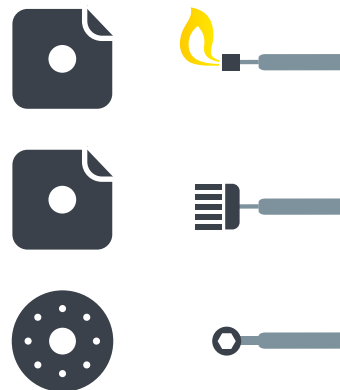
Uniquely simple drainage. Robust in the long term.

Sita is a drainage expert. What type of drainage is the right one for you? Sita will advise you based on the relevant standards – and will protect your roof with the most common of all drainage systems – conventional drainage. The rainwater drainage system is evaluated in its entirety – from the roof outlet and pipelines to the transfer point into the public sewer. An ideal all-round solution and compatible with your planned construction project.

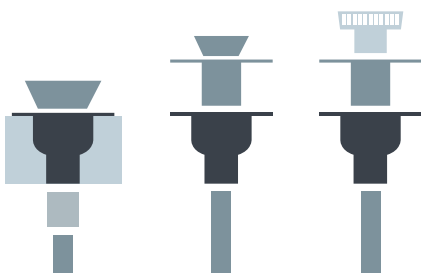
Connecting sleeve of your choice - to match any roofing membrane



Flexible connection by welding, gluing or screwing



Modularity provided by combinable sectional assembly



Other benefits of conventional drainage

- + Simple function.
- + Flexible connection.
- + Fast installation.
- + Saves time.
- + Saves money.



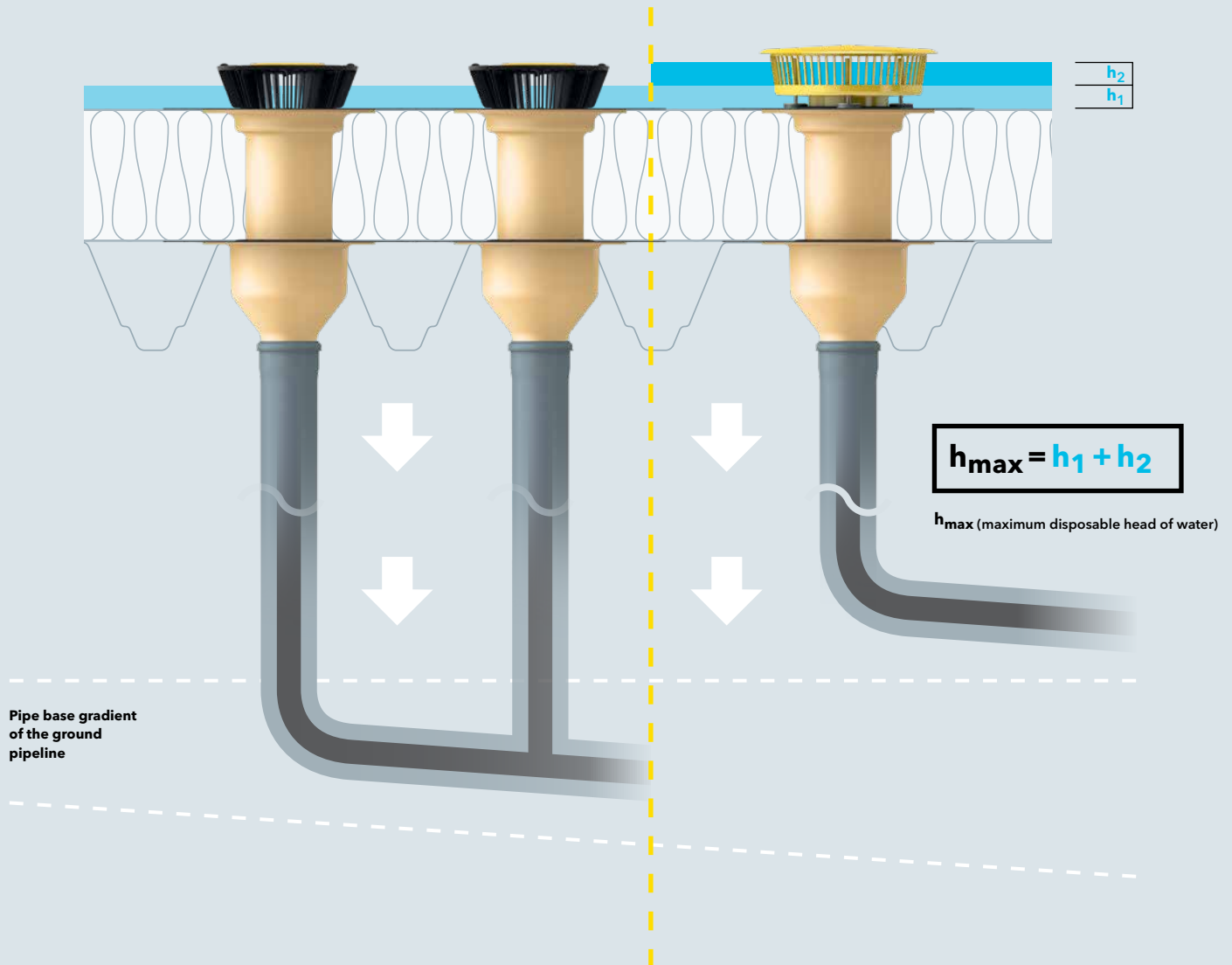
The classic among
drainage systems.
For good reason.

Jonas Drahl
DEALER

Conventional drainage - proven ease of handling. taken to the next level.

Sita makes things work. Implemented correctly, the modular conventional drainage system will provide your project with a safe roof. In almost every conceivable way. You plan individually whereas Sita delivers the spot-on support you need. Conventional drainage means that as part of the internal main drainage system each individual rainwater roof outlet is connected to its dedicated fall pipe. Hereby the main drainage system discharges the water into the ground pipe whilst an emergency drainage system discharges the water freely onto areas which can be flooded damage-free. [See page 8 for DIN standards and regulations.](#)

The principle of conventional drainage.



Main drainage system

The principle of conventional drainage: The water drains through multiple fall pipes into a ground pipe with a gradient and gets discharged then via this pipe. However, in case of heavy rainfall incidents the main drainage system reaches its capacity limits. This is where the emergency drainage system kicks in - from a precisely defined head of water.

h_1 Head of water of the main drainage system

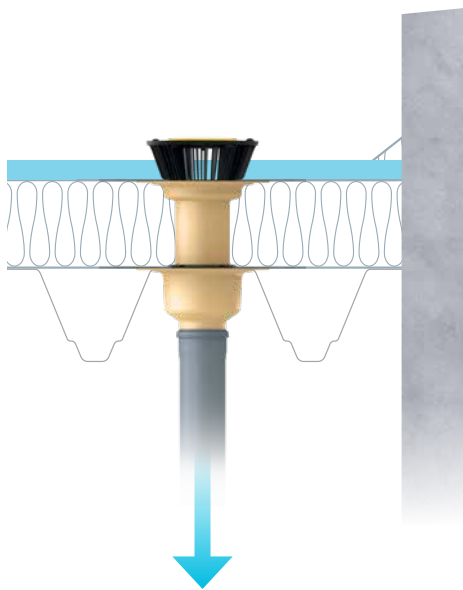
Emergency drainage

Emergency drainage systems require an additional piping system **which must drain freely on to the property.** It shall never be connected to the main drainage system's pipes. This is the only way of preventing uncontrolled backflow and an excessive static load.

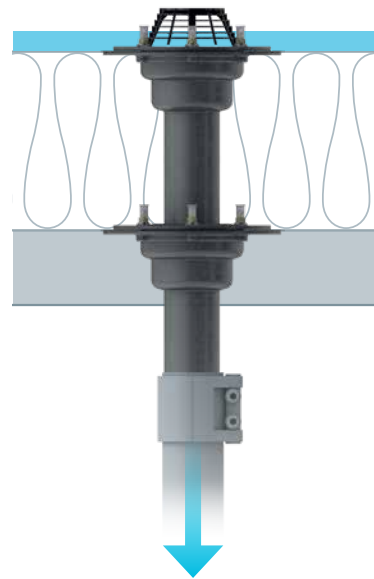
h_2 Head of water of the emergency drainage system

Sita conventional drainage is the most common method of internal drainage for flat roofs. It is regulated by DIN EN 12056 Part 3 and DIN 1986 Part 100. The rainwater passes through multiple fall pipes into a ground pipe with a gradient - through which it is then discharged.

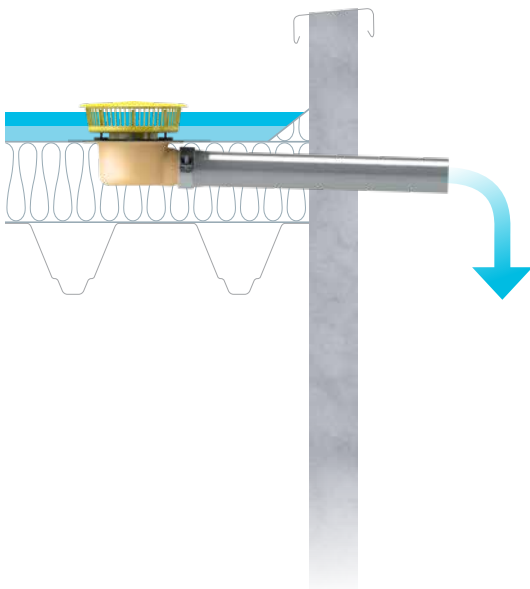
A SitaTrendy. vertical with SitaTrendy extension unit



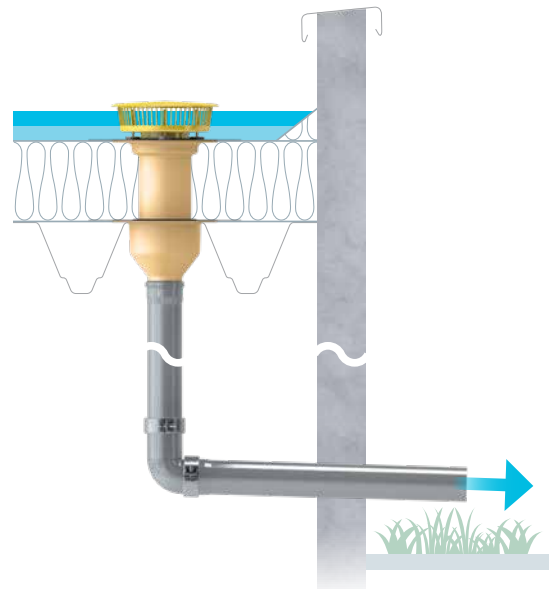
B SitaMulti with SitaMulti extension unit



C SitaStandard. angled with retaining element (N)



D SitaStandard. vertical. with extension unit and retaining element with SitaAttika pipe system (N. A)



An easy decision.

Matrix

Type of drainage	Integrated selected connection sleeve	Loose-fixed flange construction	Sizes up to DN 200	Internal drainage
Conventional drainage				
Conventional drainage				
Conventional drainage				
Conventional drainage				

Regulations and standards

The following standards and regulations, among others, must be taken into consideration when planning and installing flat roof drainage systems.

- DIN EN 12056-3**
Gravity drainage systems inside buildings
- DIN EN 752**
Drain and sewer systems outside buildings
- DIN 1986-100**
Drainage systems for buildings and properties

SITA DECISION MATRIX

Drainage through the parapet*	Combination with components from other series	Non-flammable	Material properties	
			Polyurethane	
			Polyurethane	 
			Cast iron	
			Polyethylene. Polyurethane	 

* angled version

DIN 18531-1 to 5
Waterproofing membranes

DIN EN 1253-2
Roof outlets and floor drains without drain trap

DIN 18234
Fire protection for large roof areas

LAR Guideline
Fire protection requirements for pipe systems

ZVSHK Plumbing Handbook
Pipeline construction

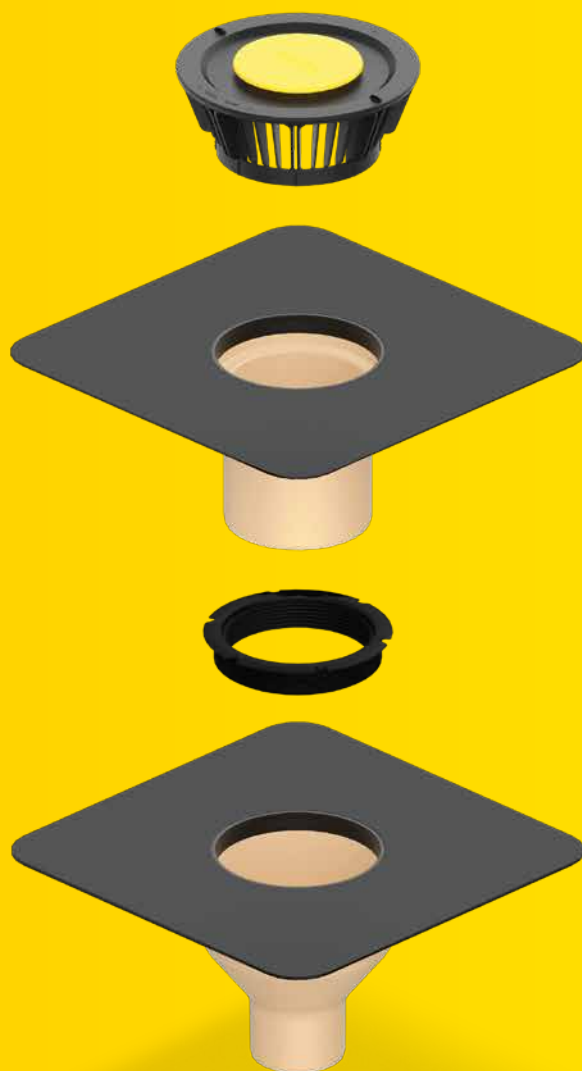
DDH regulation
Regulations for roofs with waterproofing membranes

FLL Guideline
For planning, building and maintaining roof greenings

Industrial Construction Guideline
Guideline for fire protection in industrial buildings

SitaStandard

The classic. Robust and reliable.



- + Maximum discharge volume
- + Up to size DN 200
- + Robust construction
- + Homogeneous roofing membrane connection
- + Suitable for bridging all insulation thicknesses from 60 to 520 mm



SitaStandard
vertical



SitaStandard
vertical heated



SitaStandard
angled



SitaStandard
angled heated



SitaStandard
stepped outlet



SitaStandard
vertical without
dome grate



SitaStandard
vertical heated
without dome grate



SitaStandard
angled without
dome grate



SitaStandard
angled heated
without dome grate



SitaStandard
stepped outlet
without dome grate



SitaStandard
extension unit



SitaMore
retaining element for
SitaStandard/SitaMulti



SitaMore
retaining ring



SitaStandard
insulating body for
rainwater outlet



SitaStandard
angled insulating body



SitaStandard
insulating body for
extension element



SitaMore
pipe sleeve heating



SitaMore
terrace kit



SitaMore
allround dome grate



SitaMore
vapour barrier plate



SitaAttika
cladding cover plate



SitaMore
sealing sleeve



SitaMore
reinforcement plate



SitaMore
adapter

SitaStandard

Product features at a glance:

Product features

Applications	For main and emergency drainage to DIN EN 12056-3 and DIN 1986-100 for large used and unused flat roofs
Material	Polyurethane
Design	vertical angled Stepped outlet
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
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



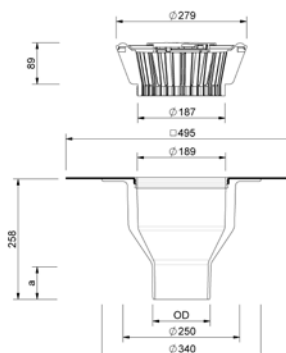
SitaStandard vertical



Tender text

SitaStandard vertical, made of polyurethane, thermally insulated, to DIN EN 1253-2, in sizes DN 70, DN 100, DN 125, DN 150 and DN 200. For direct connection to pipes with plug-in coupler, for conventional drainage, with large foamed-in connection sleeve of choice (495 mm x 495 mm) to suit the roofing membrane and with fixing ring for additional securing of the connection sleeve and to hold the supplied dome grate, supply and install to professional standards.

Technical drawing



DN	OD*	a (mm)	Opening/Core borehole (mm)	Article number
70	75	65	250	10 02 xx
100	110	67		10 04 xx
125	125	70		10 06 xx
150	160	77		10 08 xx
200	200	101		10 10 xx

* OD = Outer diameter (mm)

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	1.7	2.7	3.8	4.8	6.0	7.1	8.3	9.4	10.8	12.2	13.5	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8
100	0.7	1.8	2.8	3.8	4.8	6.1	7.4	8.5	9.6	11.0	12.3	13.6	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8
125	0.7	1.8	2.9	4.1	5.2	6.4	7.6	8.7	9.7	11.0	12.3	14.1	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8
150	0.6	1.6	2.6	3.6	4.6	5.9	7.2	8.2	9.2	11.0	12.8	14.0	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1
200	0.5	1.5	2.5	3.5	4.5	5.8	7.1	8.1	9.2	10.6	12.0	13.3	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5

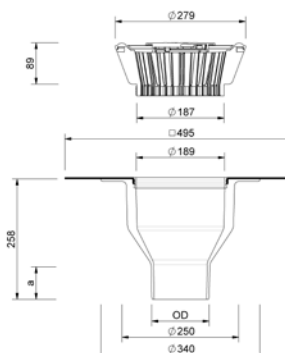
SitaStandard vertical heated



Tender text

SitaStandard vertical. made of polyurethane, thermally insulated, to DIN EN 1253-2, in sizes DN 70, DN 100, DN 125, DN 150 and DN 200. For direct connection to pipes with plug-in coupler, for conventional drainage, with large foamed-in connection sleeve of choice (495 mm x 495 mm) to suit the roofing membrane and with fixing ring for additional securing of the connection sleeve and to hold the supplied dome grate, with foamed-in heating element to EN 60335-1/2 for DN 70 to DN 150, DN 200 with pipe sleeve heating, and 2.0 m cable for connecting direct to 230 V with a heat rating of approx. 10 W, supply and install to professional standards.

Technical drawing



DN	OD*	a (mm)	Opening/Core borehole (mm)	Article number
70	75	65	250	10 03 xx
100	110	67		10 05 xx
125	125	70		10 07 xx
150	160	77		10 09 xx
200	200	101		10 11 xx**

* OD = Outer diameter (mm)

** Including pipe sleeve heating

xx = Article end numbers for connection sleeve of choice

Discharge rate according to DIN EN 1253-2

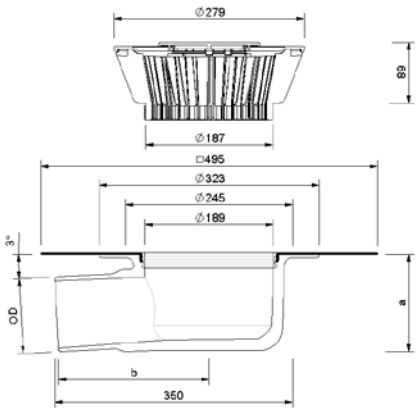
DN	Retaining height in mm																			
	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100
70	0.7	1.7	2.7	3.8	4.8	6.0	7.1	8.3	9.4	10.8	12.2	13.5	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8
100	0.7	1.8	2.8	3.8	4.8	6.1	7.4	8.5	9.6	11.0	12.3	13.6	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8
125	0.7	1.8	2.9	4.1	5.2	6.4	7.6	8.7	9.7	11.0	12.3	14.1	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8
150	0.6	1.6	2.6	3.6	4.6	5.9	7.2	8.2	9.2	11.0	12.8	14.0	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1
200	0.5	1.5	2.5	3.5	4.5	5.8	7.1	8.1	9.2	10.6	12.0	13.3	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5



Tender text

SitaStandard angled. made of polyurethane. thermally insulated. to DIN EN 1253-2. in sizes DN 70. DN 100 and DN 125. For direct connection to pipes with plug-in coupler. for conventional drainage. with large foamed-in connection sleeve of choice (495 mm x 495 mm) to suit the roofing membrane and with fixing ring for additional securing of the connection sleeve and to hold the supplied dome grate. supply and install to professional standards.

Technical drawing



DN	OD*	a (mm)	b (mm)	Recess dimension (mm x mm)	Article number
70	75	122	224	250 x 350	10 14 xx
100	110	145	222		10 16 xx
125	125	149	298	250 x 430	10 18 xx**

* OD = Outer diameter (mm)

** With transition from DN 100 to DN 125

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	1.8	2.8	3.8	4.7	5.8	6.9	7.9	8.9	10.2	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5
100	0.5	1.5	2.4	3.4	4.3	5.3	6.3	7.5	8.6	9.8	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0
125	0.8	1.9	2.9	4.1	5.3	6.3	7.3	8.4	9.4	10.8	12.1	13.2	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3

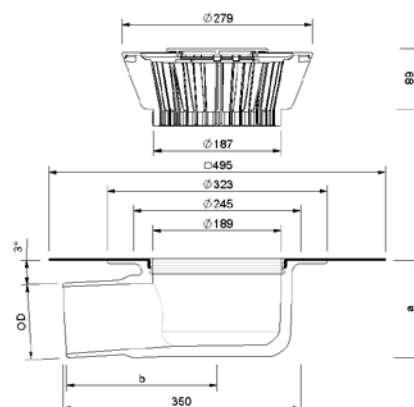
SitaStandard angled heated



Tender text

SitaStandard angled. made of polyurethane. thermally insulated. to DIN EN 1253-2. in sizes DN 70. DN 100 and DN 125. For direct connection to pipes with plug-in coupler. for conventional drainage. with large foamed-in connection sleeve of choice (495 mm x 495 mm) to suit the roofing membrane and with fixing ring for additional securing of the connection sleeve and to hold the supplied dome grate. with foamed-in heating element to EN 60335-1/2 and 2.0 m cable for connecting direct to 230 V with a heat rating of approx. 10 W. supply and install to professional standards.

Technical drawing



DN	OD*	a (mm)	b (mm)	Recess dimension (mm x mm)	Article number
70	75	122	224	250 x 350	10 15 xx
100	110	145	222		10 17 xx
125	125	149	298	250 x 430	10 19 xx**

* OD = Outer diameter (mm)

** With transition from DN 100 to DN 125

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	1.8	2.8	3.8	4.7	5.8	6.9	7.9	8.9	10.2	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5
100	0.5	1.5	2.4	3.4	4.3	5.3	6.3	7.5	8.6	9.8	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0
125	0.8	1.9	2.9	4.1	5.3	6.3	7.3	8.4	9.4	10.8	12.1	13.2	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3

SitaStandard

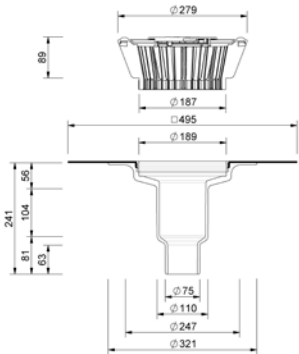
Stepped outlet



Tender text

SitaStandard stepped outlet, vertical, made of polyurethane, thermally insulated, to DIN EN 1253-2, in size DN 70 and DN 100. Discharge rate 7.0 l/s and 7.5 l/s at 35 mm retaining height. For direct connection to pipes with plug-in coupler, for conventional drainage, with large foamed-in connection sleeve of choice (495 mm x 495 mm) to suit the roofing membrane and with fixing ring for additional securing of the connection sleeve and to hold the supplied dome grate, supply and install to professional standards.

Technical drawing



DN	OD*	Opening/Core borehole (mm)	Article number
70 / 100	75	250	10 30 xx

* OD = Outer diameter (mm)

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 / 100	0.7	1.8	2.8	4.0	5.2	6.4	7.5	8.7	9.8	11.1	12.4	13.8	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2

SitaStandard

vertical

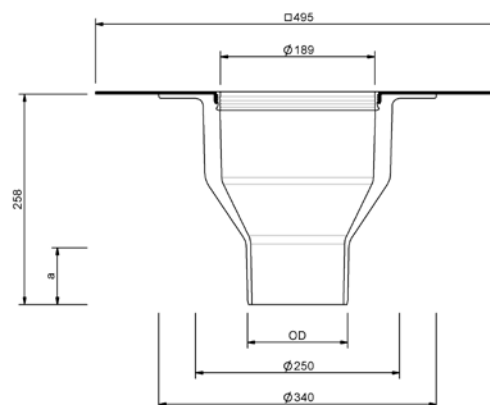
without dome grate



Tender text

SitaStandard vertical without dome grate, made of polyurethane, thermally insulated, to DIN EN 1253-2, in sizes DN 70, DN 100, DN 125, DN 150 and DN 200. For direct connection to pipes with plug-in coupler, for conventional drainage, with large foamed-in connection sleeve of choice (495 mm x 495 mm) to suit the roofing membrane and with fixing ring for additional securing of the connection sleeve. supply and install to professional standards.

Technical drawing



DN	OD*	a (mm)	Opening/Core borehole (mm)	Article number
70	75	65	250	OK 10 02 xx
100	110	67		OK 10 04 xx
125	125	70		OK 10 06 xx
150	160	77		OK 10 08 xx
200	200	101		OK 10 10 xx

* 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
70	0.7	1.7	2.7	3.8	4.8	6.0	7.1	8.3	9.4	10.8	12.2	13.5	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8
100	0.7	1.8	2.8	3.8	4.8	6.1	7.4	8.5	9.6	11.0	12.3	13.6	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8
125	0.7	1.8	2.9	4.1	5.2	6.4	7.6	8.7	9.7	11.0	12.3	14.1	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8
150	0.6	1.6	2.6	3.6	4.6	5.9	7.2	8.2	9.2	11.0	12.8	14.0	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1
200	0.5	1.5	2.5	3.5	4.5	5.8	7.1	8.1	9.2	10.6	12.0	13.3	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5

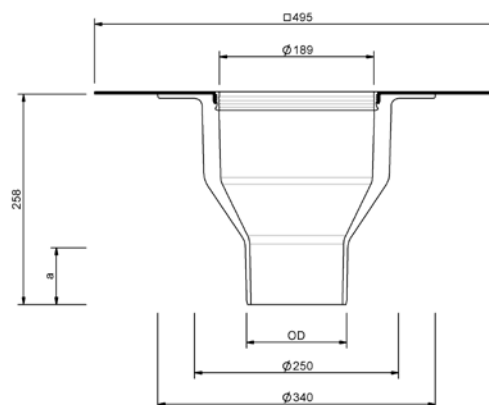
SitaStandard vertical heated without dome grate



Tender text

SitaStandard vertical without dome grate, made of polyurethane, thermally insulated, to DIN EN 1253-2, in sizes DN 70, DN 100, DN 125, DN 150 and DN 200. For direct connection to pipes with plug-in coupler, for conventional drainage, with large foamed-in connection sleeve of choice (495 mm x 495 mm) to suit the roofing membrane and with fixing ring for additional securing of the connection sleeve, with foamed-in heating element to EN 60335-1/2 for DN 70 to DN 150, DN 200 with pipe sleeve heating system, and 2.0 m cable for connecting direct to 230 V with a heat rating of approx. 10 W, supply and install to professional standards.

Technical drawing



DN	OD*	a (mm)	Opening/Core borehole (mm)	Article number
100	110	67	250	OK 10 05 xx
125	125	70		OK 10 07 xx
150	160	77		OK 10 09 xx
200	200	101		OK 10 11 xx**
70	75	65		OK 10 03 xx

* OD = Outer diameter (mm)

** Including pipe sleeve heating

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	1.7	2.7	3.8	4.8	6.0	7.1	8.3	9.4	10.8	12.2	13.5	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8
100	0.7	1.8	2.8	3.8	4.8	6.1	7.4	8.5	9.6	11.0	12.3	13.6	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8
125	0.7	1.8	2.9	4.1	5.2	6.4	7.6	8.7	9.7	11.0	12.3	14.1	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8
150	0.6	1.6	2.6	3.6	4.6	5.9	7.2	8.2	9.2	11.0	12.8	14.0	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1
200	0.5	1.5	2.5	3.5	4.5	5.8	7.1	8.1	9.2	10.6	12.0	13.3	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5

SitaStandard

angled

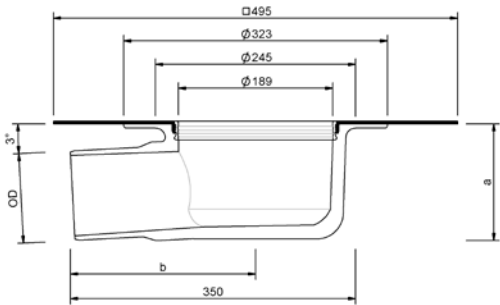
without dome grate



Tender text

SitaStandard angled without dome grate, made of polyurethane, thermally insulated, to DIN EN 1253-2, in sizes DN 70, DN 100 and DN 125. For direct connection to pipes with plug-in coupler, for conventional drainage, with large foamed-in connection sleeve of choice (495 mm x 495 mm) to suit the roofing membrane and with fixing ring for additional securing of the connection sleeve, supply and install to professional standards.

Technical drawing



DN	OD*	a (mm)	b (mm)	Recess dimension (mm x mm)	Article number
70	75	122	224	250 x 350	OK 10 14 xx
100	110	145	222	250 x 350	OK 10 16 xx
125	125	149	298	250 x 430	OK 10 18 xx**

* OD = Outer diameter (mm)
 ** With transition from DN 100 to DN 125

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	1.8	2.8	3.8	4.7	5.8	6.9	7.9	8.9	10.2	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5
100	0.5	1.5	2.4	3.4	4.3	5.3	6.3	7.5	8.6	9.8	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0
125	0.8	1.9	2.9	4.1	5.3	6.3	7.3	8.4	9.4	10.8	12.1	13.2	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3

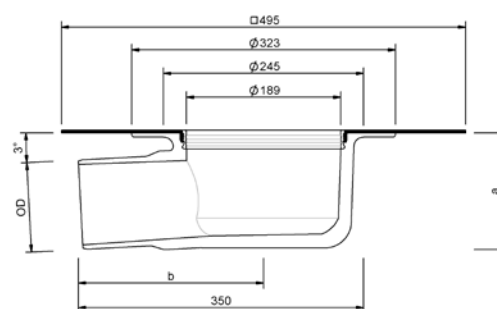
SitaStandard angled heated without dome grate



Tender text

SitaStandard angled without dome grate, made of polyurethane, thermally insulated, to DIN EN 1253-2, in sizes DN 70, DN 100 and DN 125. For direct connection to pipes with plug-in coupler, for conventional drainage, with large foamed-in connection sleeve of choice (495 mm x 495 mm) to suit the roofing membrane and with fixing ring for additional securing of the connection sleeve, with foamed-in heating element to EN 60335-1/2 and 2.0 m cable for connecting direct to 230 V with a heat rating of approx. 10 W. supply and install to professional standards.

Technical drawing



DN	OD*	a (mm)	b (mm)	Recess dimension (mm x mm)	Article number
70	75	122	224	250 x 350	OK 10 15 xx
100	110	145	222	250 x 350	OK 10 17 xx
125	125	149	298	250 x 430	OK 10 19 xx**

* OD = Outer diameter (mm)

** With transition from DN 100 to DN 125

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	1.8	2.8	3.8	4.7	5.8	6.9	7.9	8.9	10.2	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5
100	0.5	1.5	2.4	3.4	4.3	5.3	6.3	7.5	8.6	9.8	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0
125	0.8	1.9	2.9	4.1	5.3	6.3	7.3	8.4	9.4	10.8	12.1	13.2	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3

SitaStandard

stepped outlet

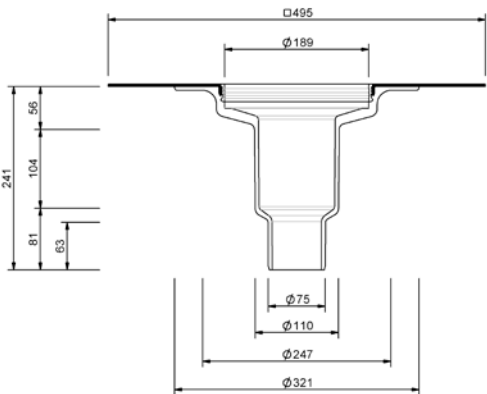
without dome grate



Tender text

SitaStandard stepped outlet, vertical without dome grate, made of polyurethane, thermally insulated, to DIN EN 1253-2, in size DN 70 and DN 100. Discharge rate 7.0 l/s and 7.5 l/s at 35 mm retaining height. For direct connection to pipes with plug-in coupler, for conventional drainage, with large foamed-in connection sleeve of choice (495 mm x 495 mm) to suit the roofing membrane and with fixing ring for additional securing of the connection sleeve, supply and install to professional standards.

Technical drawing



DN	OD*	Opening/Core borehole (mm)	Article number
70 / 100	75	250	OK 10 30 xx

*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
70 / 100	0.7	1.8	2.8	4.0	5.2	6.4	7.5	8.7	9.8	11.1	12.4	13.8	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2

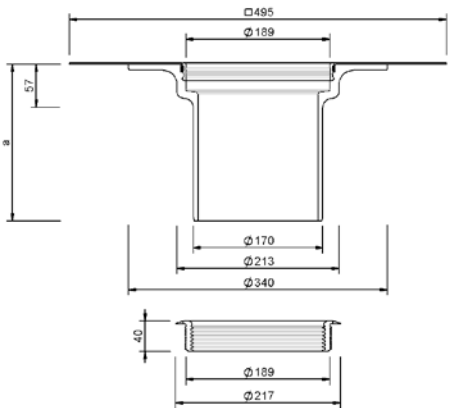
SitaStandard extension unit



Tender text

SitaStandard extension unit. made of polyurethane. compliant with DIN EN 1253-2. for insulating material thicknesses of 60 mm - 520 mm. With foamed-in connection sleeve of choice (495 mm x 495 mm) to suit the roofing membrane. with fixing ring for additional securing of the connection sleeve and for supporting the dome grate with Airstop. Complete with lubricant and multi-lip angled sealing ring for backflow protection. supply and install to professional standards.

Technical drawing



a (mm)	Bridging of thermal insulation min. (mm)	Bridging of thermal insulation max. (mm)	Article number
206	60	160	10 25 xx
254		220	10 26 xx
555		520	10 50 xx

xx = Article end numbers for connection sleeve of choice

SitaMore

retaining element

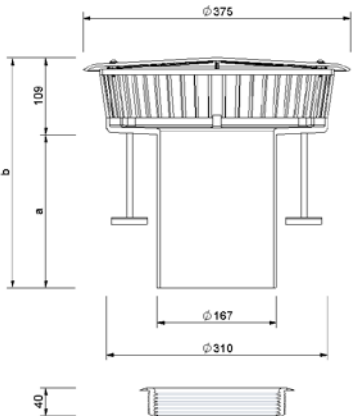
for SitaStandard/SitaMulti



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

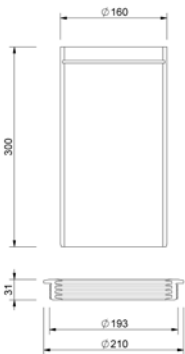
SitaMore retaining ring



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

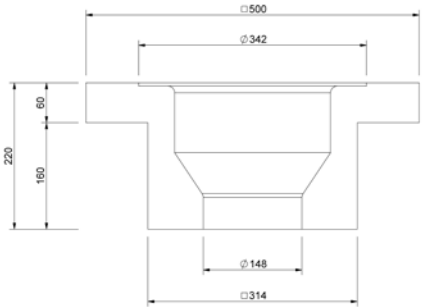
SitaStandard insulating body for rainwater outlet



Tender text

SitaStandard insulating body for rainwater outlet made of extruded polystyrene foam. WLG 040. 500 mm x 500 mm x 220 mm. fire classification Euroclass E. to EN 13501-1. For thermal insulation and for use as concealed formwork. supply and installation to professional standards.

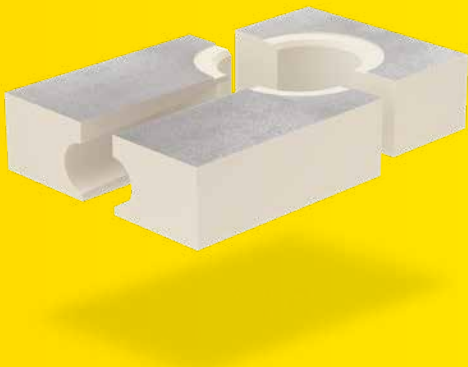
Technical drawing



Compatibility	Article number
SitaStandard vertical up to DN 125	E 10 90 03

SitaStandard

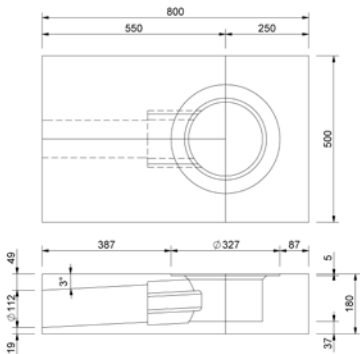
angled insulating body



Tender text

SitaStandard angled insulating body. made of polyurethane with aluminium cover layers. three-part in size 800 mm x 500 mm x 180 mm. thermal conductivity $\lambda = 0.023 \text{ W/mK}$. compressive strength 120 kPa. to aid installation with accurate shaping and for thermal insulation to prevent thermal bridges. supply and install to professional standards.

Technical drawing



Compatibility	Article number
SitaTrendy angled DN 100	10 90 09

SitaStandard

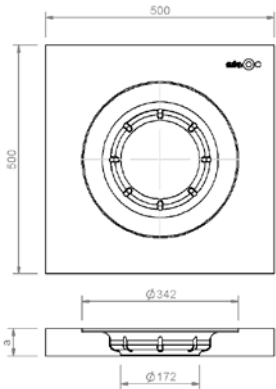
insulating body for extension element



Tender text

SitaStandard insulating body for extension unit. made of polyurethane. for easy bonding to the vapour barrier. without mechanical fastening of the extension unit by bonding to the insulation body. size 500 mm x 500 mm x 100 mm or 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



a (mm)	Article number
100	10 90 05
60	10 90 06

SitaMore

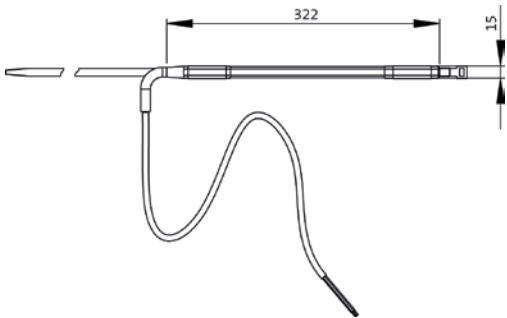
pipe sleeve heating



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

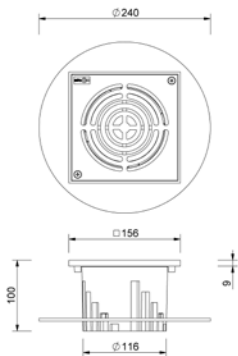
SitaMore terrace kit



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

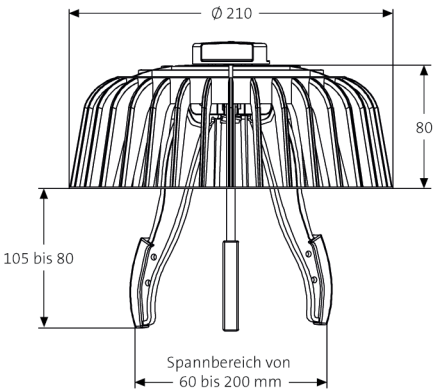
SitaMore allround dome grate



Tender text

SitaMore dome grate allround. made of polyamide. for roof outlets with a pot diameter of 60 mm - 200 mm. With expanding feet and rotational function for securing the dome grate in the outlet pot. supply and install to professional standards.

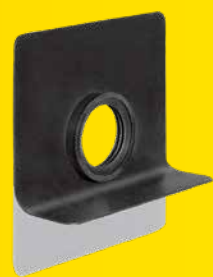
Technical drawing



Compatibility	Article number
For outlets with a pot diameter of 60 to 200 mm	E 10 90 04

SitaMore

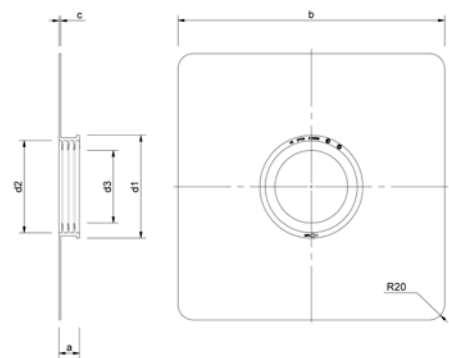
Vapour barrier plate



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.

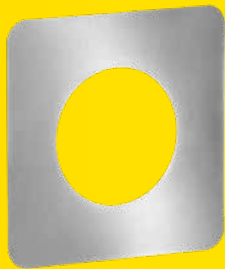
Technical drawing



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

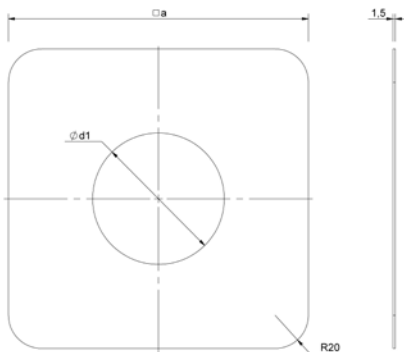
cladding cover plate



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

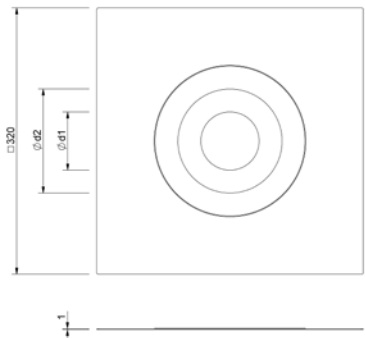
SitaMore sealing sleeve



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 mm 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.

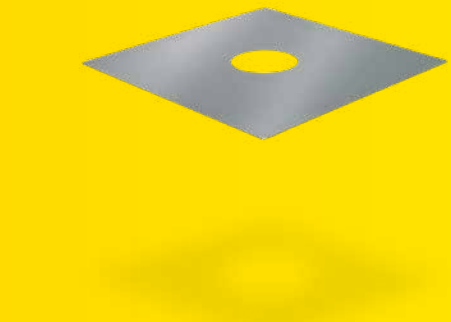
Technical drawing



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

SitaMore

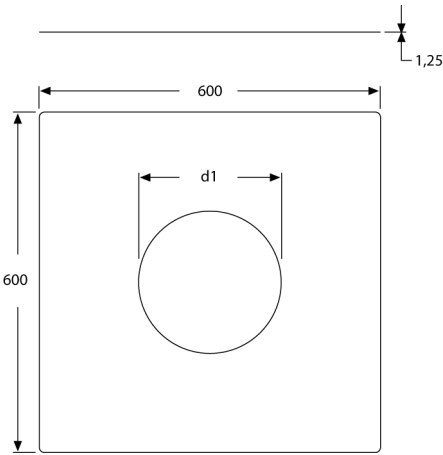
Reinforcement plate



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

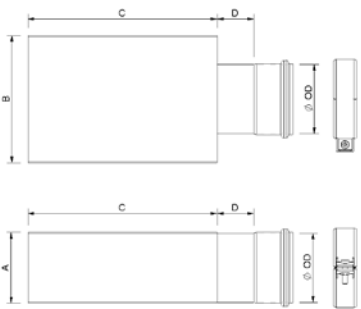
SitaMore adapter



Tender text

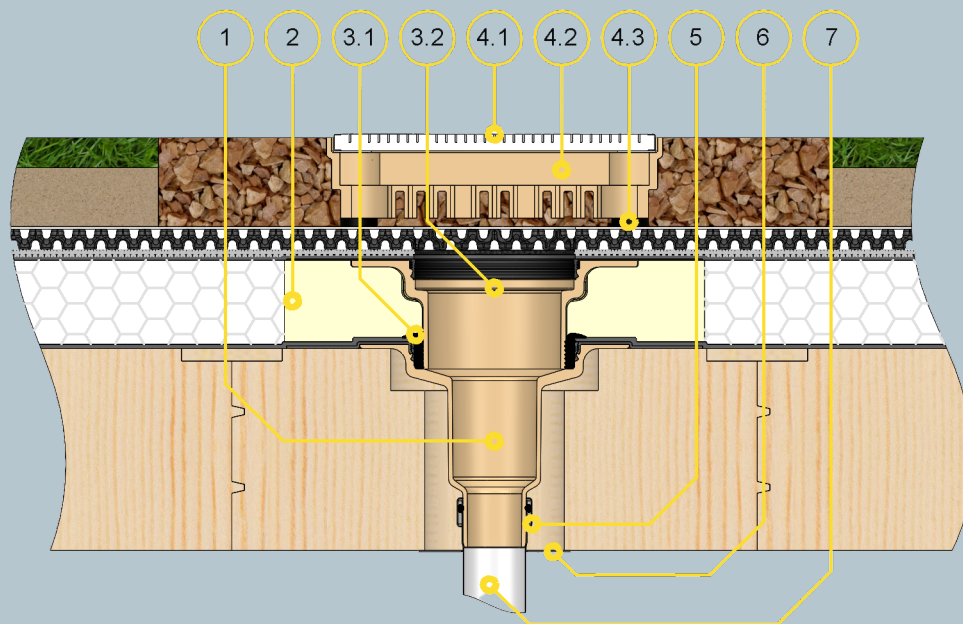
SitaMore transition piece, made of stainless steel, material number 1.4301, in sizes DN 50, DN 70, DN 100 and DN 125, for transition from SitaPipe stainless steel pipe to rectangular pipe, with safety clamp and sealing ring, supply and install to professional standards.

Technical drawing



DN	OD*	A	B	C	D	Article number
50	50	Height of flat duct	Width of flat duct	Length of flat duct	Distance between flat duct sleeves	18 18 50
70	75					18 18 70
100	110					18 18 10
125	125					18 18 12

* OD = Outer diameter (mm)



Components

- 1** SitaStandard stepped outlet with connection sleeve of choice
- 2** SitaStandard insulating body for extension unit

SitaStandard extension unit, consisting of:

- 3.1** Angled sealing ring
- 3.2** Base body with connection sleeve of choice

SitaGreen green roof shaft consisting of:

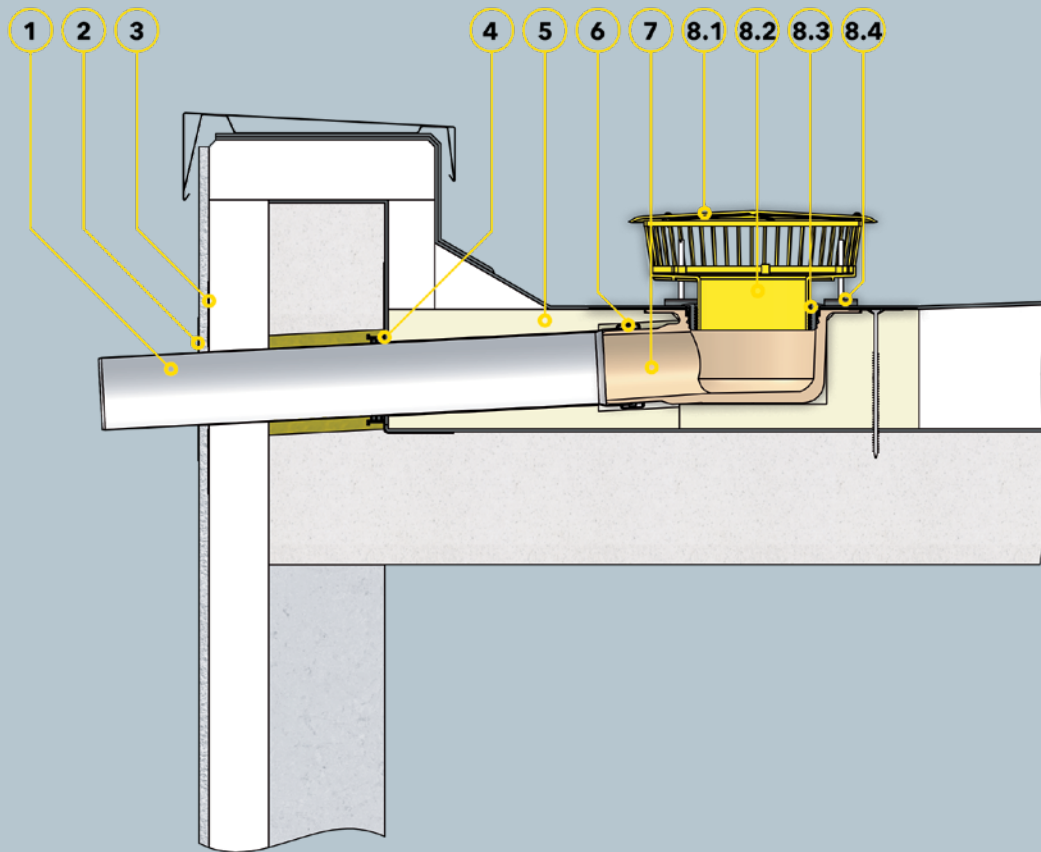
- 4.1** Mesh cover
- 4.2** Base body

- 4.3** Height-adjustable rubber-metal buffers
- 5** SitaPipe Stainless Steel safety clamp
- 6** SitaPipe Stainless Steel pipe
- 7** SitaAttika cladding cover plate

Roof structure

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

- + Roof greenery according to system supply
- + Filter fabric
- + Drainage mat
- + Protective mat
- + Waterproofing
- + Thermal insulation
- + Vapour barrier
- + Substructure



Components

- 1 SitaPipe Stainless Steel pipe
- 2 SitaAttika cladding cover plate
- 3 SitaMore sealing sleeve for WDVS
- 4 SitaMore vapour barrier plate flex
- 5 SitaStandard angled insulating body
- 6 SitaPipe Stainless Steel safety clamp
- 7 SitaStandard angled

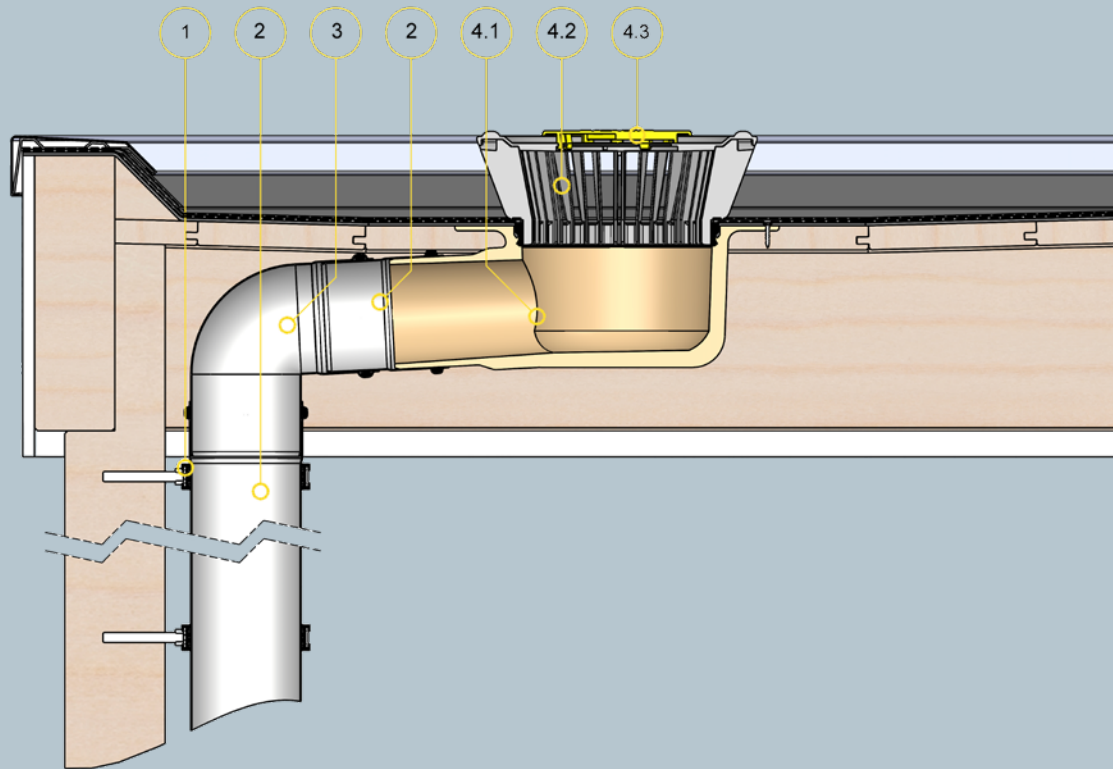
SitaMore retaining element consisting of:

- 8.1 Cover
- 8.2 Base body
- 8.3 Sealing ring
- 8.4 Height-adjustable rubber-metal buffers

Roof structure

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

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



Components

- 1 SitaPipe Stainless Steel pipe clamp
- 2 SitaPipe Stainless Steel pipe
- 3 SitaPipe Stainless Steel bend

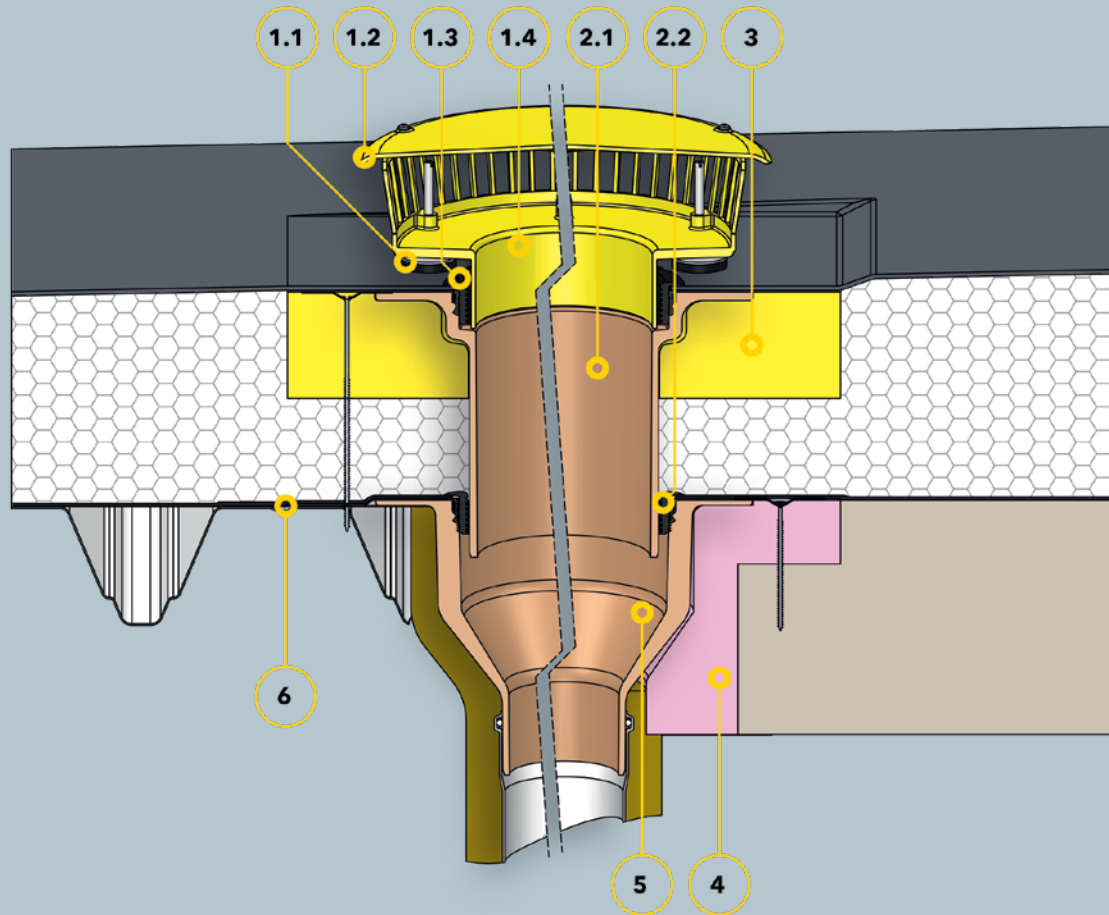
SitaStandard angled. consisting of:

- 4.1 Base body with connection sleeve of choice
- 4.2 Dome grate base body
- 4.3 Dome grate cover

Roof structure

Ventilated roof structure to the general rules of engineering with:

- + Sealing
- + Formwork
- + Supporting structure



Components

SitaMore retaining element consisting of:

- 1.1 Height-adjustable rubber-metal buffers
- 1.2 Closed cover
- 1.3 Sealing ring
- 1.4 Base body

SitaStandard extension unit consisting of:

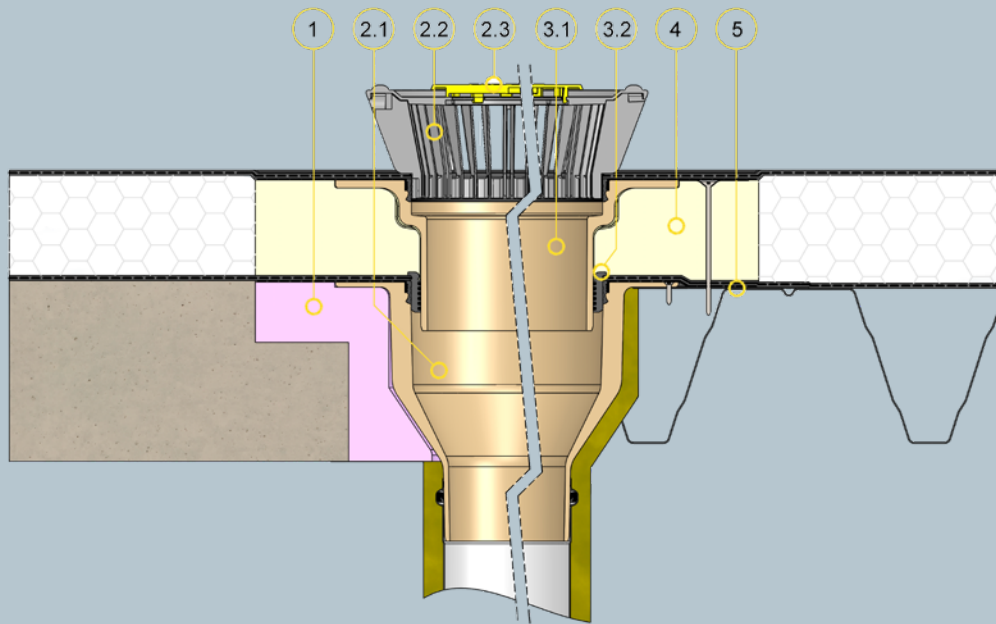
- 2.1 Base body
- 2.2 Sealing ring
- 3 SitaStandard insulating body for extension unit
- 4 SitaStandard insulating body for outlet

- 5 SitaStandard vertical
- 6 SitaMore reinforcement plate

Roof structure

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

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



Components

1 SitaStandard insulating body for outlet

SitaStandard vertical consisting of:

- 2.1** Base body with connection sleeve of choice
- 2.2** Dome grate base body
- 2.3** Dome grate cover

SitaStandard extension unit. consisting of:

- 3.1** Base body with connection sleeve of choice
- 3.2** Sealing ring

4 SitaStandard insulating body for extension unit

5 SitaMore reinforcement plate

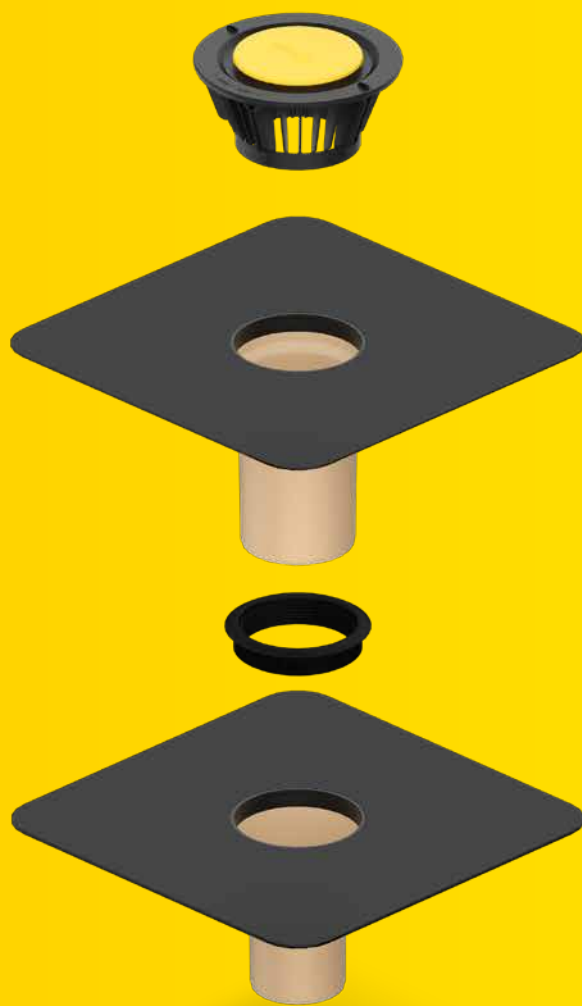
Roof structure

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

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

SitaTrendy

Small. Strong. Flexible.Fits everywhere every time.



- + Compact design
- + Discharge rate considerably above the requirements of DIN EN 1253-2
- + Also available with foamed-in heating element
- + With foamed-in connection sleeve of choice. screw-on flange or adhesive flange



SitaTrendy
vertical



SitaTrendy
vertical heated



SitaTrendy
angled



SitaTrendy
angled heated



SitaTrendy

screw-on flange vertical



SitaTrendy

screw-on flange vertical heated



SitaTrendy

screw-on flange angled



SitaTrendy

screw-on flange angled heated



SitaTrendy

vertical without dome grate



SitaTrendy

vertical heated without dome grate



SitaTrendy

angled without dome grate



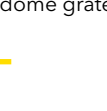
SitaTrendy

angled heated without dome grate



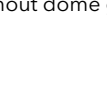
SitaTrendy

screw-on flange angled vertical without dome grate



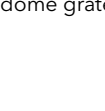
SitaTrendy

screw-on flange angled vertical heated without dome grate



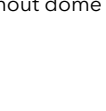
SitaTrendy

screw-on flange angled angled without dome grate



SitaTrendy

screw-on flange angled angled heated without dome grate



SitaTrendy
extension unit



SitaTrendy
screw-on flange extension unit



SitaMore
retaining element for
SitaTrendy/SitaSani



SitaTrendy
retaining ring



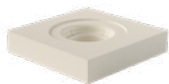
SitaTrendy
insulating body for
rainwater outlet



SitaMore
allround dome grate



SitaMore
reinforcement plate



SitaTrendy
insulating body for
extension element



SitaMore
vapour barrier plate



SitaMore
adapter



SitaMore
pipe sleeve heating



SitaAttika
cladding cover plate



SitaMore
terrace kit



SitaMore
sealing sleeve

SitaTrendy

Product features at a glance:

Product features

Applications	For main and emergency drainage to DIN EN 12056-3 and DIN 1986-100 for large used and unused flat roofs.
Material	Polyurethane
Design	vertical angled
Model	unheated heated
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
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

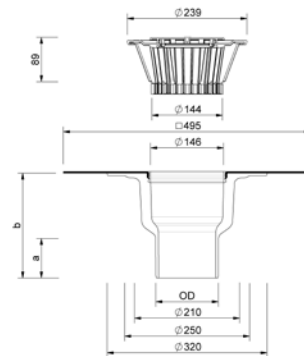




Tender text

SitaTrendy vertical, made of polyurethane, thermally insulated, to DIN EN 1253-2, in sizes DN 70, DN 90, DN 100 and DN 125. For direct connection to pipes with plug-in coupler, for conventional drainage, with large connection sleeve of choice (495 mm x 495 mm) to suit the roofing membrane and with fixing ring for additional securing of the connection sleeve and to hold the supplied dome grate. supply and install to professional standards.

Technical drawing



DN	OD*	a (mm)	b (mm)	Opening/Core borehole (mm)	Article number
70	75	63	210	250	15 02 xx
90	90	56	125		15 01 xx
100	110	75	210		15 04 xx
125	125	79			15 06 xx

* OD = Outer diameter (mm)

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	0.6	1.4	2.2	3.1	3.9	4.7	5.5	6.6	7.6	8.6	9.5	10.4	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3
90	0.4	1.3	2.1	3.3	4.5	5.5	6.5	7.3	8.0	8.6	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2
100	0.6	1.5	2.3	3.3	4.3	5.2	6.1	7.3	8.5	9.4	10.3	11.0	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7
125	0.7	1.6	2.4	3.3	4.2	5.1	5.9	7.3	8.7	10.1	11.4	12.7	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0

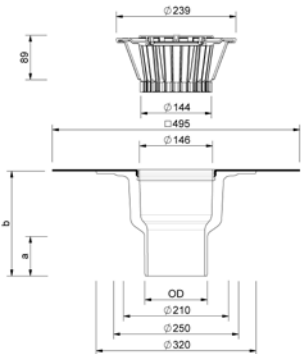
SitaTrendy vertical heated



Tender text

SitaTrendy vertical. made of polyurethane. thermally insulated. to DIN EN 1253-2. in sizes DN 70. DN 90. DN 100 and DN 125. For direct connection to pipes with plug-in coupler. for conventional drainage. with large connection sleeve of choice (495 mm x 495 mm) to suit the roofing membrane and with fixing ring for additional securing of the connection sleeve and to hold the supplied dome grate. with foamed-in heating element to EN 60335-1/2 and 2.0 m cable for connecting direct to 230 V with a heat rating of approx. 10 W. supply and install to professional standards.

Technical drawing



DN	OD*	a (mm)	b (mm)	Opening/Core borehole (mm)	Article number
70	75	63	210	250	15 03 xx
100	110	75			15 05 xx
125	125	79			15 07 xx

* OD = Outer diameter (mm)

xx = Article end numbers for connection sleeve of choice

Discharge rate according to DIN EN 1253-2

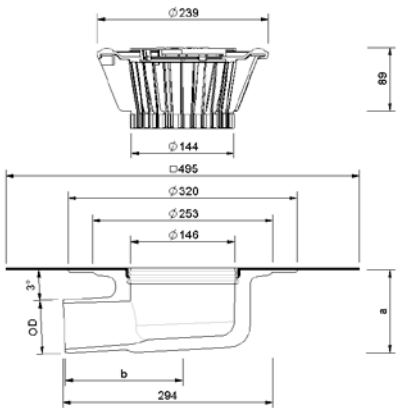
DN	Retaining height in mm																			
	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100
70	0.6	1.4	2.2	3.1	3.9	4.7	5.5	6.6	7.6	8.6	9.5	10.4	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3
100	0.6	1.5	2.3	3.3	4.3	5.2	6.1	7.3	8.5	9.4	10.3	11.0	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7
125	0.7	1.6	2.4	3.3	4.2	5.1	5.9	7.3	8.7	10.1	11.4	12.7	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0



Tender text

SitaTrendy angled. made of polyurethane. thermally insulated. to DIN EN 1253-2. in sizes DN 70. DN 100 and DN 125. For direct connection to pipes with plug-in coupler. for conventional drainage. with large connection sleeve of choice (495 mm x 495 mm) to suit the roofing membrane and with fixing ring for additional securing of the connection sleeve and to hold the supplied dome grate. supply and install to professional standards.

Technical drawing



DN	OD*	a (mm)	b (mm)	Recess dimension (mm x mm)	Article number
70	75	117	165	250 x 350	15 14 xx
100	110	153	162		15 16 xx
125	125	161	241	250 x 420	15 18 xx**

* OD = Outer diameter (mm)

** With transition from DN 100 to DN 125

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	0.5	1.1	1.6	2.6	3.5	4.5	5.4	6.5	7.5	8.5	9.5	10.8	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1
100	0.5	1.2	1.8	2.7	3.6	4.6	5.6	6.7	7.8	9.0	10.2	11.9	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5
125	0.6	1.5	2.4	3.1	3.8	4.8	5.7	6.8	7.9	9.5	11.0	12.4	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8

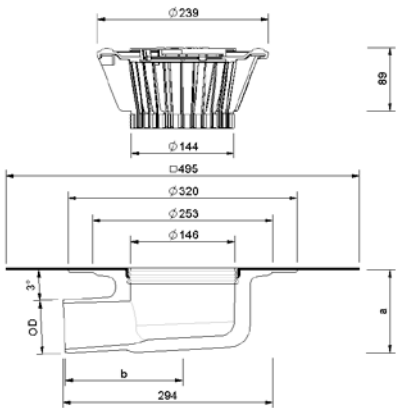
SitaTrendy angled heated



Tender text

SitaTrendy angled. made of polyurethane. thermally insulated. to DIN EN 1253-2. in sizes DN 70. DN 100 and DN 125. For direct connection to pipes with plug-in coupler. for conventional drainage. with large connection sleeve of choice (495 mm x 495 mm) to suit the roofing membrane and with fixing ring for additional securing of the connection sleeve and to hold the supplied dome grate. with foamed-in heating element to EN 60335-1/2 and 2.0 m cable for connecting direct to 230 V with a heat rating of approx. 10 W. supply and install to professional standards.

Technical drawing



DN	OD*	a (mm)	b (mm)	Recess dimension (mm x mm)	Article number
70	75	117	165	250 x 350	15 15 xx
100	110	153	162		15 17 xx
125	125	161	241	250 x 420	15 19 xx**

* OD = Outer diameter (mm)

** With transition from DN 100 to DN 125

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	0.5	1.1	1.6	2.6	3.5	4.5	5.4	6.5	7.5	8.5	9.5	10.8	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1
100	0.5	1.2	1.8	2.7	3.6	4.6	5.6	6.7	7.8	9.0	10.2	11.9	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5
125	0.6	1.5	2.4	3.1	3.8	4.8	5.7	6.8	7.9	9.5	11.0	12.4	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8



Technical drawing

The technical drawing shows two views of the LED panel light:

- Top View:** Shows the circular face of the light with a diameter of $\varnothing 239$. The mounting holes are spaced at $\varnothing 144$, and the central recessed area has a diameter of $\varnothing 340$.
- Side View:** Shows the profile of the light with a total thickness of 89mm. It includes a mounting bracket with a height of a and a base with a depth of b . The bottom flange has diameters of $\varnothing 210$, $\varnothing 250$, and $\varnothing 320$.

DN	OD*	a (mm)	b (mm)	Opening/Core borehole (mm)	Article number
70	75	63	210	250	15 02 99
90	90	56	125		15 01 99
100	110	75	210		15 04 99
125	125	79			15 06 99

Sita Trendy

[illegible]

SitaTrendy

screw-on flange

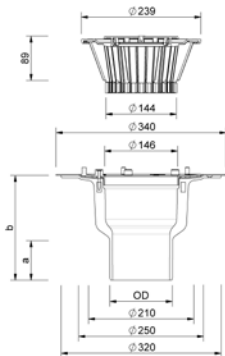
vertical heated



Tender text

SitaTrendy screw-on flange vertical. made of polyurethane. thermally insulated. to DIN EN 1253-2. in sizes DN 70. DN 100 and DN 125. For direct connection to pipes with a plug-in coupler. for conventional drainage. with pre-drilled holes for securing the component in the substructure. With foamed-in heating element to EN 60335-1/2 and 2.0 m cable for direct connection to 230 V with a heat rating of approx. 10 W. with foamed-in insert ring for the supplied screws. loose aluminium flange and two sealing sleeves for clamping bitumen. plastic or EPDM roofing membranes. complete including dome grate. supply and install to professional standards.

Technical drawing



DN	OD*	a (mm)	b (mm)	Opening/Core borehole (mm)	Article number
70	75	63	210	250	15 03 99
100	110	75			15 05 99
125	125	79			15 07 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
70	0.6	1.4	2.2	3.1	3.9	4.7	5.5	6.6	7.6	8.6	9.5	10.4	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3
100	0.6	1.5	2.3	3.3	4.3	5.2	6.1	7.3	8.5	9.4	10.3	11.0	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7
125	0.7	1.6	2.4	3.3	4.2	5.1	5.9	7.3	8.7	10.1	11.4	12.7	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0



Technical drawing

* OD = Outer diameter (mm)
** With transition from DN 100 to DN 125

Discharge rate according to DIN EN 1253-2

[illegible]

SitaTrendy

screw-on flange

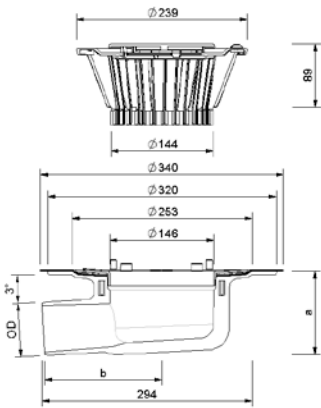
angled heated



Tender text

SitaTrendy screw-on flange angled. made of polyurethane. thermally insulated to DIN EN 1253-2. in sizes DN 70. DN 100 and DN 125. For direct connection to pipes with a plug-in coupler. for conventional drainage. with pre-drilled holes for securing the component in the substructure. With foamed-in heating element to EN 60335-1/2 and 2.0 m cable for direct connection to 230 V with a heat rating of approx. 10 W. with foamed-in insert ring for the supplied screws. loose aluminium flange and two sealing sleeves for clamping bitumen. plastic or EPDM roofing membranes. complete including dome grate. supply and install to professional standards.

Technical drawing



DN	OD*	a (mm)	b (mm)	Recess dimension (mm x mm)	Article number
70	75	117	165	250 x 350	15 15 99
100	110	153	162		15 17 99
125	125	161	241	250 x 420	15 19 99**

* OD = Outer diameter (mm)
 ** With transition from DN 100 to DN 125

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	0.5	1.1	1.6	2.6	3.5	4.5	5.4	6.5	7.5	8.5	9.5	10.8	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1
100	0.5	1.2	1.8	2.7	3.6	4.6	5.6	6.7	7.8	9.0	10.2	11.9	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5
125	0.6	1.5	2.4	3.1	3.8	4.8	5.7	6.8	7.9	9.5	11.0	12.4	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8

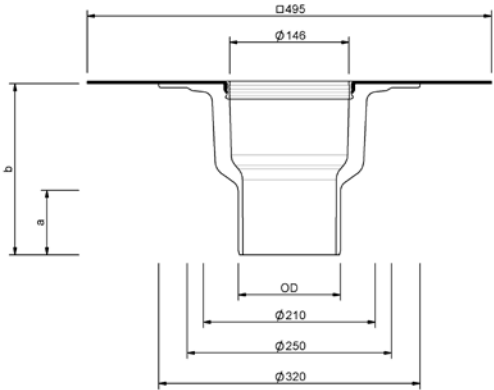
SitaTrendy vertical without dome grate



Tender text

SitaTrendy vertical without dome grate. made of polyurethane. thermally insulated. to DIN EN 1253-2. in sizes DN 70. DN 90. DN 100 and DN 125. For direct connection to pipes with plug-in coupler. for conventional drainage. with large connection sleeve of choice (495 mm x 495 mm) to suit the roofing membrane and with fixing ring for additional securing of the connection sleeve. supply and install to professional standards.

Technical drawing



DN	OD*	a (mm)	b (mm)	Opening/Core borehole (mm)	Article number
70	75	63	210	250	OK 15 02 xx
90	90	56	125		OK 15 01 xx
100	110	75	210		OK 15 04 xx
125	125	79			OK 15 06 xx

* 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
70	0.6	1.4	2.2	3.1	3.9	4.7	5.5	6.6	7.6	8.6	9.5	10.4	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3
90	0.4	1.3	2.1	3.3	4.5	5.5	6.5	7.3	8.0	8.6	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2
100	0.6	1.5	2.3	3.3	4.3	5.2	6.1	7.3	8.5	9.4	10.3	11.0	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7
125	0.7	1.6	2.4	3.3	4.2	5.1	5.9	7.3	8.7	10.1	11.4	12.7	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0

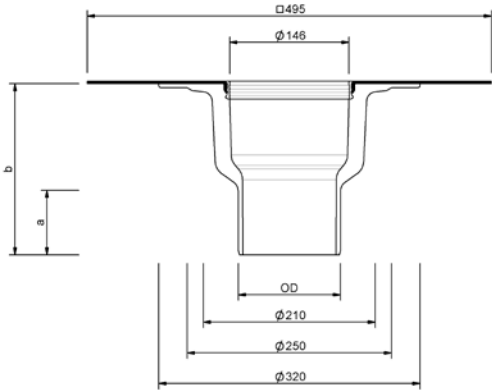
SitaTrendy vertical heated without dome grate



Tender text

SitaTrendy vertical without dome grate. made of polyurethane. thermally insulated. to DIN EN 1253-2. in sizes DN 70. DN 90. DN 100 and DN 125. For direct connection to pipes with plug-in coupler. for conventional drainage. with large connection sleeve of choice (495 mm x 495 mm) to suit the roofing membrane and with fixing ring for additional securing of the connection sleeve. with foamed-in heating element to EN 60335-1/2 and 2.0 m cable for connecting direct to 230 V with a heat rating of approx. 10 W. supply and install to professional standards.

Technical drawing



DN	OD*	a (mm)	b (mm)	Opening/Core borehole (mm)	Article number
70	75	63	210	250	OK 15 03 xx
100	110	75			OK 15 05 xx
125	125	79			OK 15 07 xx

* 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
70	0.6	1.4	2.2	3.1	3.9	4.7	5.5	6.6	7.6	8.6	9.5	10.4	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3
100	0.6	1.5	2.3	3.3	4.3	5.2	6.1	7.3	8.5	9.4	10.3	11.0	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7
125	0.7	1.6	2.4	3.3	4.2	5.1	5.9	7.3	8.7	10.1	11.4	12.7	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0

SitaTrendy

angled

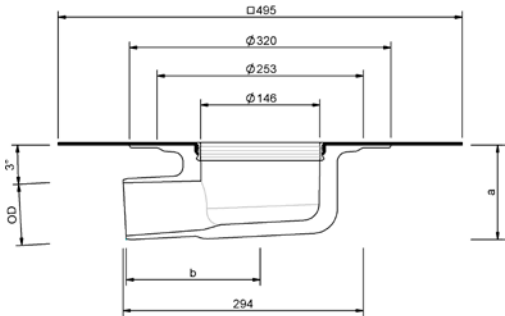
without dome grate



Tender text

SitaTrendy angled without dome grate. made of polyurethane. thermally insulated. to DIN EN 1253-2. in sizes DN 70. DN 100 and DN 125. For direct connection to pipes with plug-in coupler. for conventional drainage. with large connection sleeve of choice (495 mm x 495 mm) to suit the roofing membrane and with fixing ring for additional securing of the connection sleeve. supply and install to professional standards.

Technical drawing



DN	OD*	a (mm)	b (mm)	Recess dimension (mm x mm)	Article number
70	75	117	165	250 x 350	OK 15 14 xx
100	110	153	162	250 x 350	OK 15 16 xx
125	125	161	241	250 x 420	OK 15 18 xx

* 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
70	0.5	1.1	1.6	2.6	3.5	4.5	5.4	6.5	7.5	8.5	9.5	10.8	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1
100	0.5	1.2	1.8	2.7	3.6	4.6	5.6	6.7	7.8	9.0	10.2	11.9	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5
125	0.6	1.5	2.4	3.1	3.8	4.8	5.7	6.8	7.9	9.5	11.0	12.4	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8

SitaTrendy

angled heated

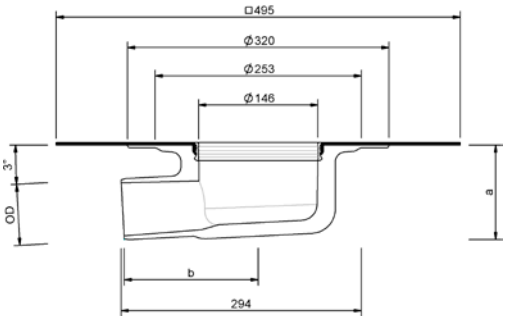
without dome grate



Tender text

SitaTrendy angled without dome grate. made of polyurethane. thermally insulated. to DIN EN 1253-2. in sizes DN 70. DN 100 and DN 125. For direct connection to pipes with plug-in coupler. for conventional drainage. with large connection sleeve of choice (495 mm x 495 mm) to suit the roofing membrane and with fixing ring for additional securing of the connection sleeve. with foamed-in heating element to EN 60335-1/2 and 2.0 m cable for connecting direct to 230 V with a heat rating of approx. 10 W. supply and install to professional standards.

Technical drawing



DN	OD*	a (mm)	b (mm)	Recess dimension (mm x mm)	Article number
70	75	117	165	250 x 350	OK 15 15 xx
100	110	153	162	250 x 350	OK 15 17 xx
125	125	161	241	250 x 420	OK 15 19 xx

* 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
70	0.5	1.1	1.6	2.6	3.5	4.5	5.4	6.5	7.5	8.5	9.5	10.8	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1
100	0.5	1.2	1.8	2.7	3.6	4.6	5.6	6.7	7.8	9.0	10.2	11.9	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5
125	0.6	1.5	2.4	3.1	3.8	4.8	5.7	6.8	7.9	9.5	11.0	12.4	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8

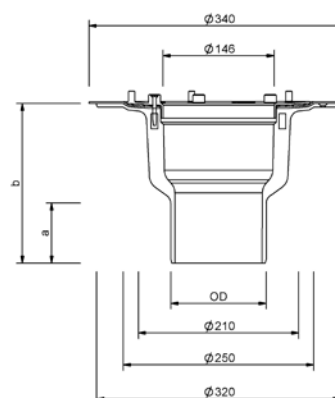
SitaTrendy screw-on flange vertical without dome grate



Tender text

SitaTrendy screw-on flange vertical without dome grate, made of polyurethane, thermally insulated, to DIN EN 1253-2, in sizes DN 70, DN 90, DN 100 and DN 125. For direct connection to pipes with a plug-in coupler, for conventional drainage, with pre-drilled holes for securing 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, supply and install to professional standards.

Technical drawing



DN	OD*	a (mm)	b (mm)	Opening/Core borehole (mm)	Article number
70	75	63	210	250	OK 15 02 99
90	90	56	125		OK 15 01 99
100	110	75	210		OK 15 04 99
125	125	79			OK 15 06 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
70	0.6	1.4	2.2	3.1	3.9	4.7	5.5	6.6	7.6	8.6	9.5	10.4	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3
90	0.4	1.3	2.1	3.3	4.5	5.5	6.5	7.3	8.0	8.6	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2
100	0.6	1.5	2.3	3.3	4.3	5.2	6.1	7.3	8.5	9.4	10.3	11.0	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7
125	0.7	1.6	2.4	3.3	4.2	5.1	5.9	7.3	8.7	10.1	11.4	12.7	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0

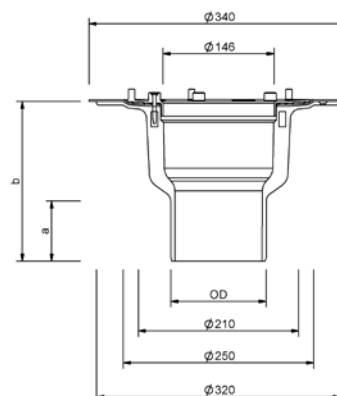
SitaTrendy screw-on flange vertical heated without dome grate



Tender text

SitaTrendy screw-on flange vertical without dome grate, made of polyurethane, thermally insulated, to DIN EN 1253-2, in sizes DN 70, DN 100 and DN 125. For direct connection to pipes with a plug-in coupler, for conventional drainage, with pre-drilled holes for securing the component in the substructure. With foamed-in heating element to EN 60335-1/2 and 2.0 m cable for direct connection to 230 V with a heat rating of approx. 10 W. with foamed-in insert ring for the supplied screws, loose aluminium flange and two sealing sleeves for clamping bitumen, plastic or EPDM roofing membranes, supply and install to professional standards.

Technical drawing



DN	OD*	a (mm)	b (mm)	Opening/Core borehole (mm)	Article number
70	75	63	210	250	OK 15 03 99
100	110	75			OK 15 05 99
125	125	79			OK 15 07 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
70	0.6	1.4	2.2	3.1	3.9	4.7	5.5	6.6	7.6	8.6	9.5	10.4	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3
100	0.6	1.5	2.3	3.3	4.3	5.2	6.1	7.3	8.5	9.4	10.3	11.0	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7
125	0.7	1.6	2.4	3.3	4.2	5.1	5.9	7.3	8.7	10.1	11.4	12.7	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0

SitaTrendy

screw-on flange

angled

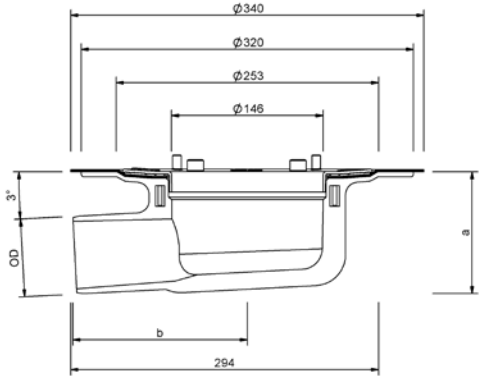
without dome grate



Tender text

SitaTrendy screw-on flange angled without dome grate, made of polyurethane, thermally insulated, to DIN EN 1253-2, in sizes DN 70, DN 100 and DN 125. For direct connection to pipes with a plug-in coupler, for conventional drainage, with pre-drilled holes for securing 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, supply and install to professional standards.

Technical drawing



DN	OD*	a (mm)	b (mm)	Recess dimension (mm x mm)	Article number
70	75	117	165	250 x 350	OK 15 14 99
100	110	153	162	250 x 350	OK 15 16 99
125	125	161	241	250 x 420	OK 15 18 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
70	0.5	1.1	1.6	2.6	3.5	4.5	5.4	6.5	7.5	8.5	9.5	10.8	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1
100	0.5	1.2	1.8	2.7	3.6	4.6	5.6	6.7	7.8	9.0	10.2	11.9	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5
125	0.6	1.5	2.4	3.1	3.8	4.8	5.7	6.8	7.9	9.5	11.0	12.4	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8

SitaTrendy

screw-on flange

angled heated

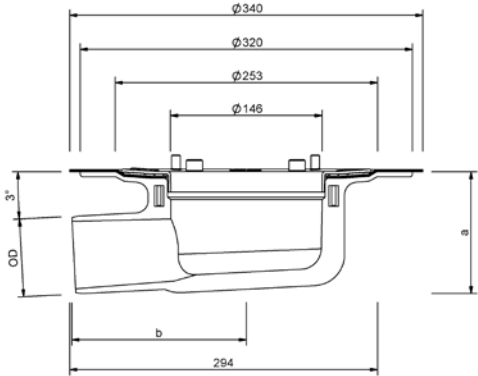
without dome grate



Tender text

SitaTrendy screw-on flange angled without dome grate, made of polyurethane, thermally insulated, to DIN EN 1253-2, in sizes DN 70, DN 100 and DN 125. For direct connection to pipes with a plug-in coupler, for conventional drainage, with pre-drilled holes for securing the component in the substructure. With foamed-in heating element to EN 60335-1/2 and 2.0 m cable for direct connection to 230 V with a heat rating of approx. 10 W, with foamed-in insert ring for the supplied screws, loose aluminium flange and two sealing sleeves for clamping bitumen, plastic or EPDM roofing membranes. Supply complete and install to professional standards.

Technical drawing



DN	OD*	a (mm)	b (mm)	Recess dimension (mm x mm)	Article number
70	75	117	165	250 x 350	OK 15 15 99
100	110	153	162	250 x 350	OK 15 17 99
125	125	161	241	250 x 420	OK 15 19 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
70	0.5	1.1	1.6	2.6	3.5	4.5	5.4	6.5	7.5	8.5	9.5	10.8	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1
100	0.5	1.2	1.8	2.7	3.6	4.6	5.6	6.7	7.8	9.0	10.2	11.9	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5
125	0.6	1.5	2.4	3.1	3.8	4.8	5.7	6.8	7.9	9.5	11.0	12.4	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8

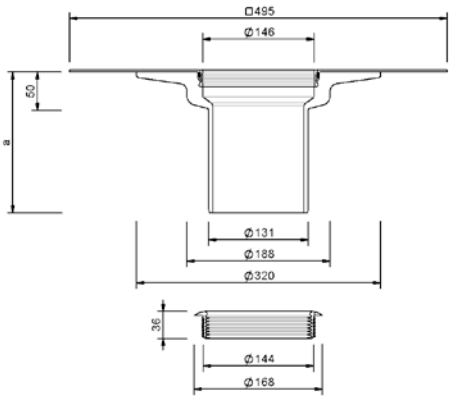
SitaTrendy extension unit



Tender text

SitaTrendy extension unit. made of polyurethane. compliant with DIN EN 1253-2. thermally insulated. for insulating material thicknesses of 60 mm – 320 mm. With large foamed-in connection sleeve of choice (495 mm x 495 mm) to suit the roofing membrane and with fixing ring for additional securing of the connection sleeve. Complete including multi-lip angled sealing ring for backflow protection. supply and install to professional standards.

Technical drawing



a (mm)	Bridging of thermal insulation min. (mm)	Bridging of thermal insulation max. (mm)	Article number
185	60	150	15 25 xx
255		220	15 26 xx
355		320	15 27 xx

xx = Article end numbers for connection sleeve of choice

SitaTrendy

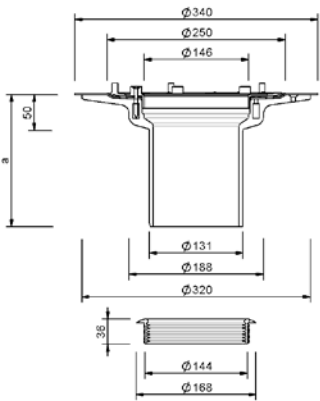
screw-on flange extension unit



Tender text

SitaTrendy screw-on flange extension unit. made of polyurethane. to DIN EN 1253-2. for insulating material thicknesses of 60 mm - 320 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. complete including dome grate. supply and install to professional standards.

Technical drawing



a (mm)	Bridging of thermal insulation min. (mm)	Bridging of thermal insulation max. (mm)	Article number
185	60	150	15 25 99
255		220	15 26 99
355		320	15 27 99

SitaMore

retaining element

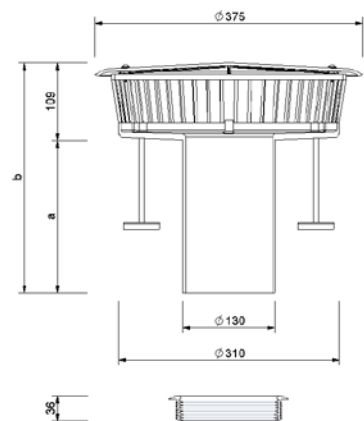
for SitaTrendy/SitaSani®



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

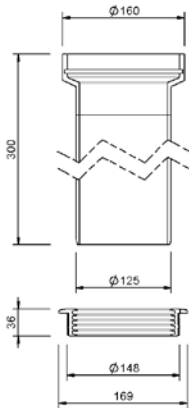
SitaTrendy retaining ring



Tender text

SitaTrendy retaining ring for emergency drainage, made of PE-HD for SitaTrendy and SitaTrendy screw-on flange roof outlets and extension units, length 300 mm, with sealing ring and lubricant, supply and install to professional standards.

Technical drawing



Compatibility	Damming height from - to (mm)	Article number
SitaTrendy, SitaSani® 63.90.105.165	85 - 260	15 90 85

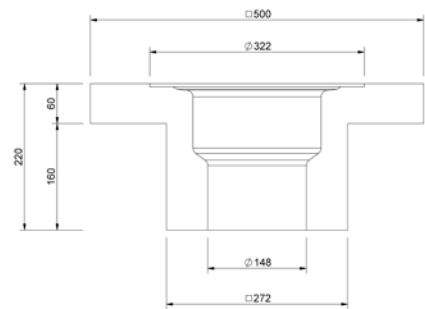
SitaTrendy insulating body for rainwater outlet



Tender text

SitaTrendy insulating body for rainwater outlet made of extruded polystyrene foam. WLG 040. 500 mm x 500 mm x 220 mm. fire classification Euroclass E. to EN 13501-1. For thermal insulation and for use as concealed formwork. supply and installation to professional standards.

Technical drawing



Compatibility	Article number
SitaTrendy vertical	E 15 90 03

SitaTrendy

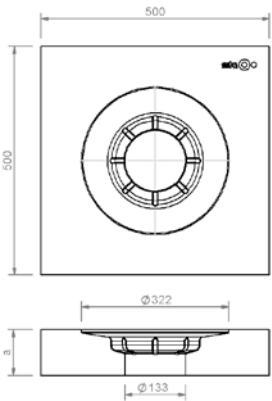
insulating body for extension element



Tender text

SitaTrendy insulating body for extension unit. made of polyurethane. for easy bonding to the vapour barrier. without mechanical fastening of the extension unit by bonding to the insulation body. size 500 mm x 500 mm x 100 mm or 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



a (mm)	Article number
100	15 90 05
60	15 90 06

SitaMore

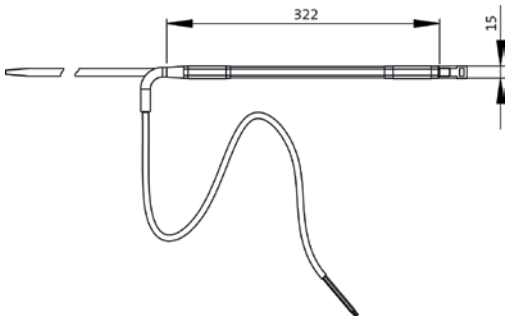
pipe sleeve heating



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

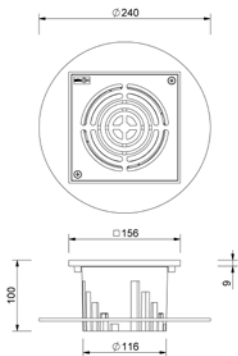
SitaMore terrace kit



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

SitaMore

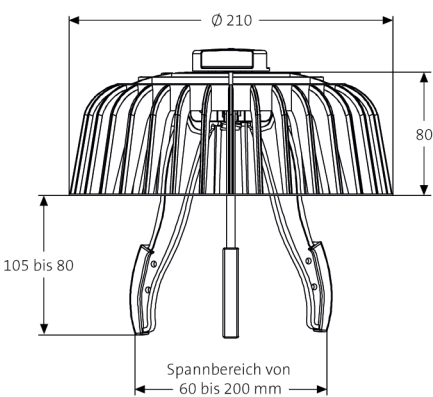
allround dome grate



Tender text

SitaMore dome grate Allround. made of polyamide. for roof outlets with a pot diameter of 60 mm - 200 mm. With expanding feet and rotational function for securing the dome grate in the outlet pot. supply and install to professional standards.

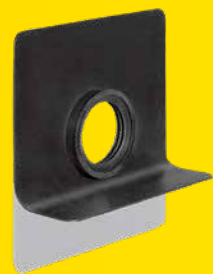
Technical drawing



Compatibility	Article number
For outlets with a pot diameter of 60 to 200 mm.	E 10 90 04

SitaMore

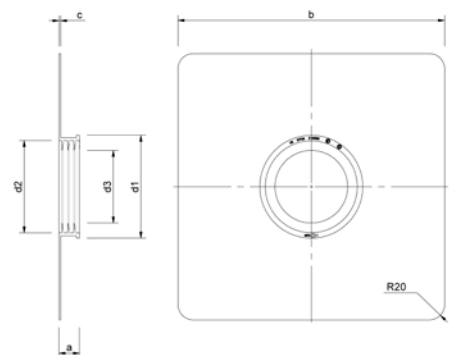
vapour barrier plate



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.

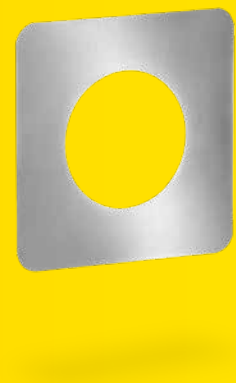
Technical drawing



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

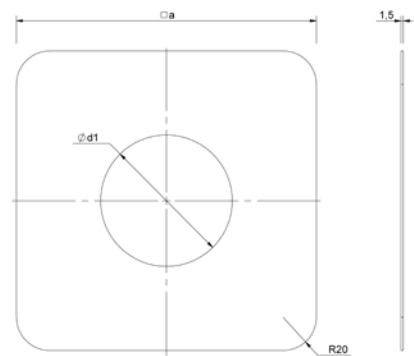
cladding cover plate



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

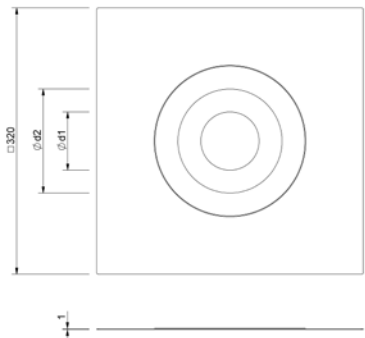
SitaMore sealing sleeve



Tender text

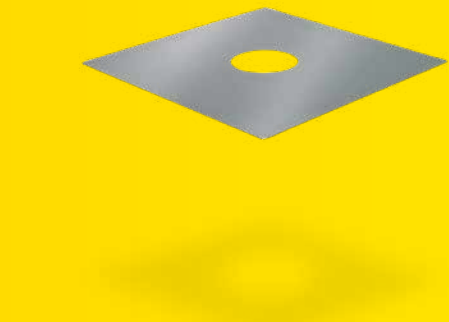
SitaMore sealing sleeve for WDVS, made of fleece-butyl, one-part render-compatible air sealing sleeve designed to be concealed in plastic, for the rapid and airtight sealing of pipe fairleads in the thermal insulation composite system according to DIN 4108-7 and GEG, in sizes DN 70 and DN 100, measuring 320 mm 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

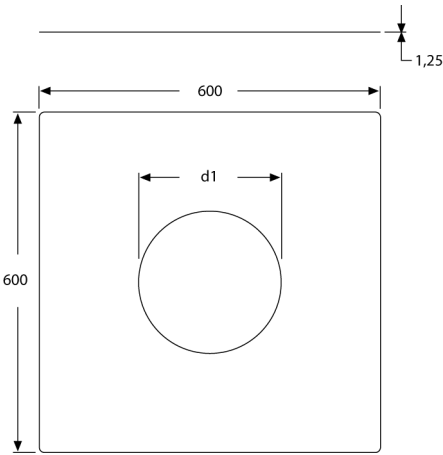
SitaMore reinforcement plate



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

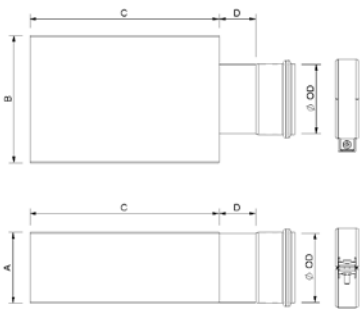
SitaMore adapter



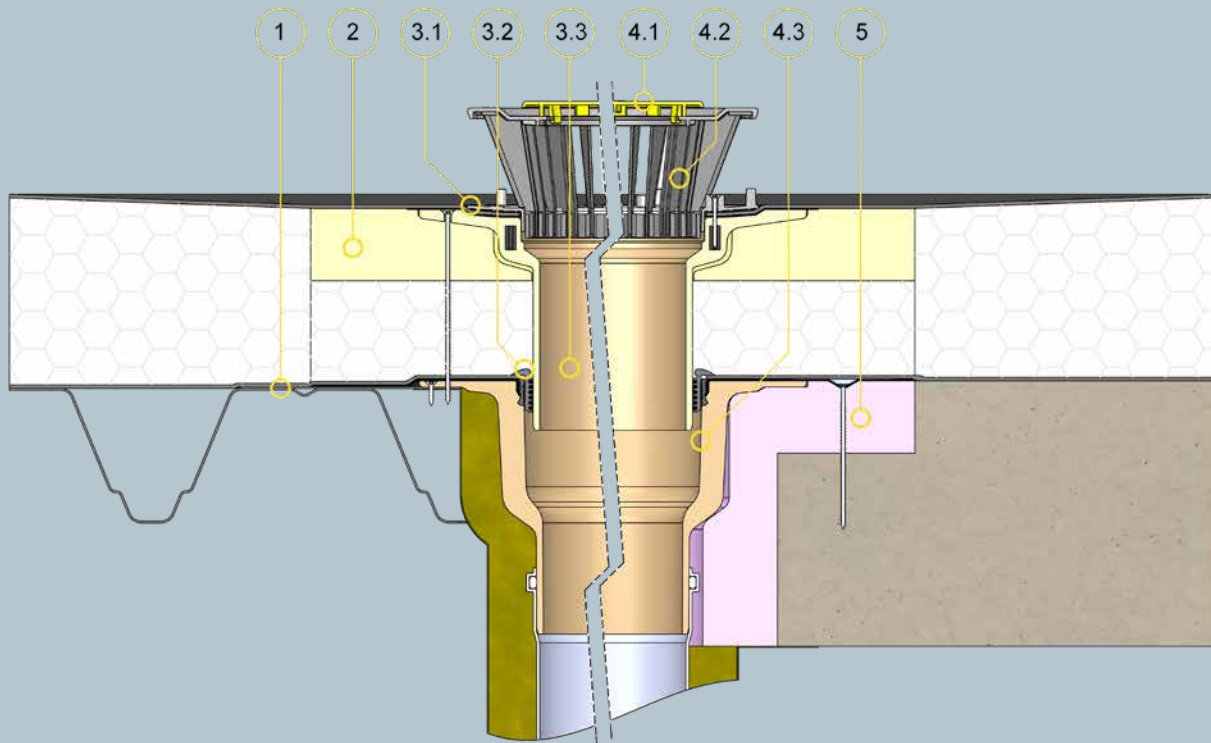
Tender text

SitaMore transition piece, made of stainless steel, material number 1.4301, in sizes DN 50, DN 70, DN 100 and DN 125, for transition from SitaPipe stainless steel pipe to rectangular pipe, with safety clamp and sealing ring, supply and install to professional standards.

Technical drawing



DN	OD	A	B	C	D	Article number
50	50	Height of flat duct	Width of flat duct	Length of flat duct	Distance between flat duct sleeves	18 18 50
70	75					18 18 70
100	110					18 18 10
125	125					18 18 12



Components

- 1 SitaMore reinforcement plate
- 2 SitaTrendy insulating body for extension unit

SitaTrendy screw-on flange extension unit, consisting of:

- 3.1 Sealing sleeves and screw-on flange
- 3.2 Sealing ring
- 3.3 Base body

SitaTrendy vertical consisting of:

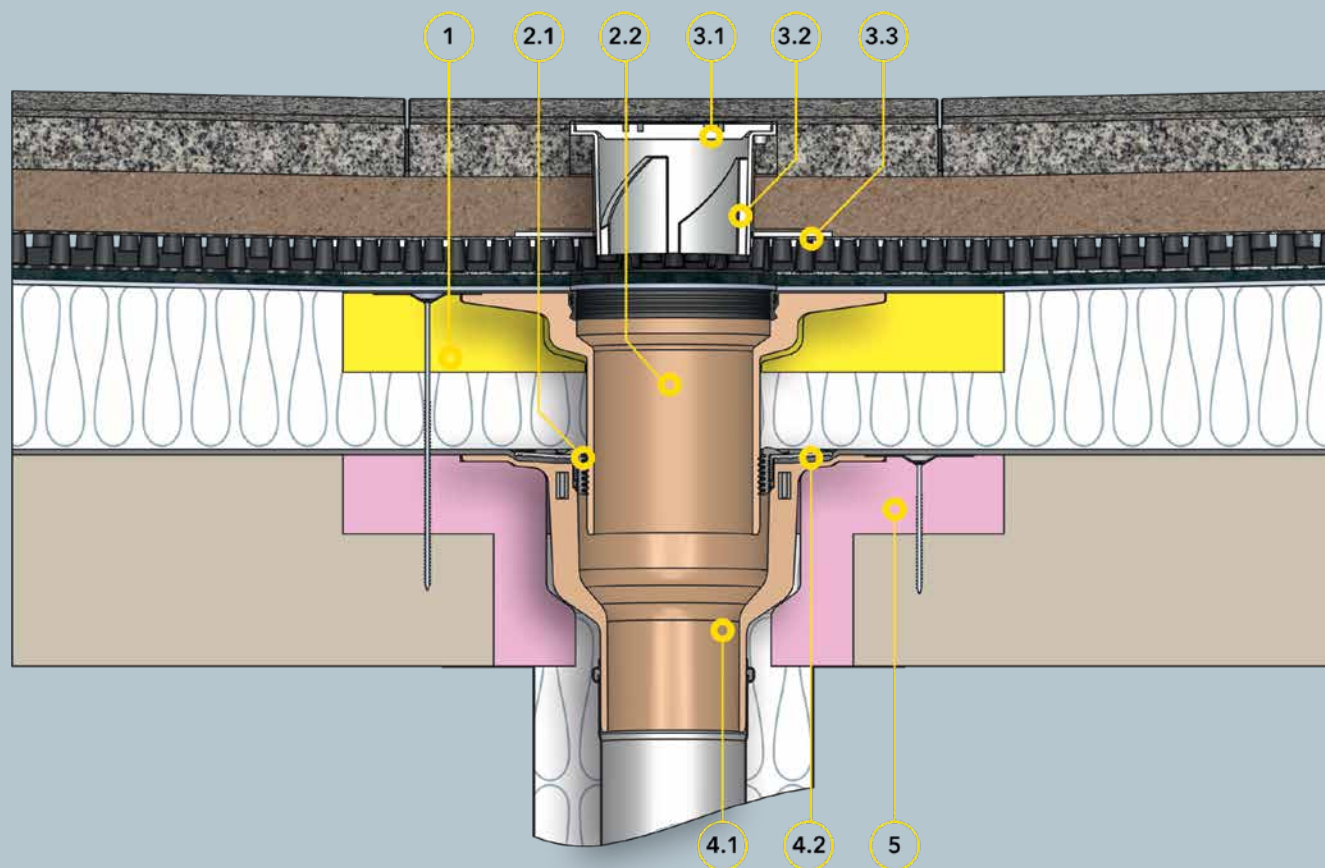
- 4.1 Dome grate cover
- 4.2 Dome grate base body

- 4.3 Base body with connection sleeve of choice
- 5 SitaTrendy 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** SitaTrendy insulating body for extension unit

SitaTrendy extension unit consisting of:

- 2.1** Sealing ring
2.2 Base body

SitaMore terrace kit consisting of:

- 3.1** End grate
3.2 Housing
3.3 Height adjustment ring

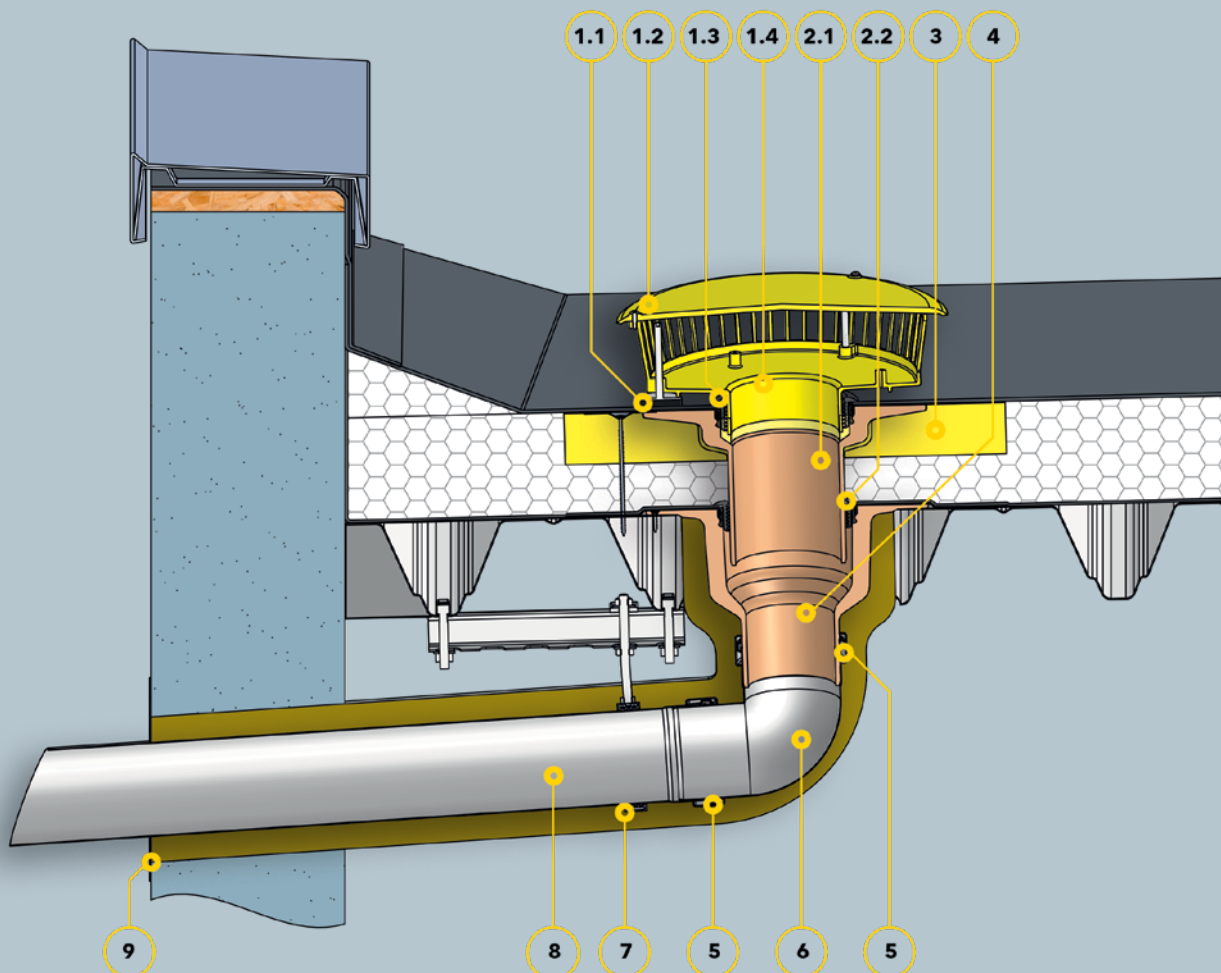
SitaTrendy screw-on flange vertical consisting of:

- 4.1** Base body
4.2 Loose flange, seals and screws
5 SitaTrendy insulating body for outlet

Roof structure

Non-ventilated roof structure with slab paving in gravel bed to the general rules of engineering with:

- + Slab paving
- + Grit or gravel bed
- + Drainage mat
- + Protective mat
- + Sealing
- + Thermal insulation
- + Vapour barrier
- + Substructure



Components

SitaMore retaining element consisting of:

- 1.1 Height-adjustable rubber-metal buffers
- 1.2 Closed cover
- 1.3 Sealing ring
- 1.4 Base body

SitaTrendy extension unit consisting of:

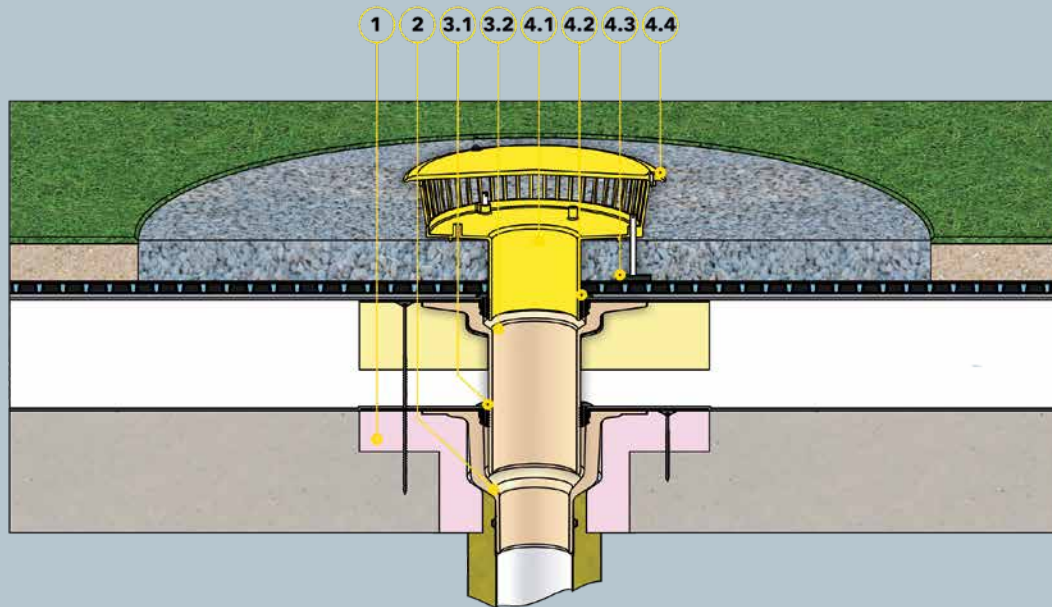
- 2.1 Base body
- 2.2 Sealing ring
- 3 SitaTrendy insulating body for extension unit
- 4 SitaTrendy vertical

- 5 SitaPipe Stainless Steel safety clamp
- 6 SitaPipe Stainless Steel bend
- 7 SitaPipe Stainless Steel pipe clamp
- 8 SitaPipe Stainless Steel pipe
- 9 SitaAttika cladding cover plate

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 SitaTrendy insulating body for outlet
- 2 SitaTrendy vertical

SitaTrendy extension unit consisting of:

- 3.1 Sealing ring
- 3.2 Base body

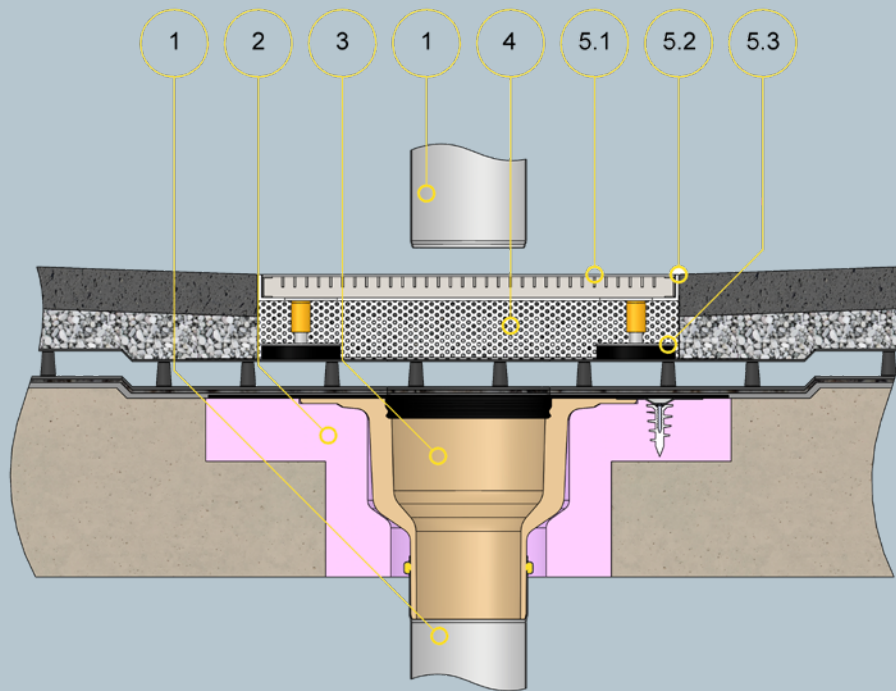
SitaMore retaining element consisting of:

- 4.1 Base body
- 4.2 Sealing ring
- 4.3 Height-adjustable rubber-metal buffers
- 4.4 Closed cover

Roof structure

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

- + Extensive roof greenery with vegetation layer according to system supplier
- + Protection, drain and filter layer according to system supplier
- + Sealing
- + Thermal insulation
- + Vapour barrier
- + Substructure



Components

- 1 SitaPipe Stainless Steel pipe
- 2 SitaTrendy insulating body for outlet
- 3 SitaTrendy vertical
- 4 SitaDrain® gravel strip

SitaDrain® Terra consisting of:

- 5.1 Inspection grate
- 5.2 Frame
- 5.3 Height-adjustable rubber-metal buffers

Roof structure

Ventilated roof structure with slab paving in gravel bed to the general rules of engineering with:

- + Slab paving
- + Grit or gravel bed
- + Drainage mat
- + Protective mat
- + Waterproof membrane
- + Substructure

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

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



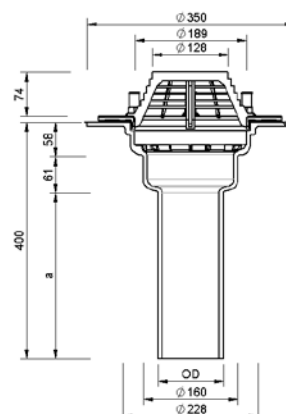
SitaMulti screw-on flange vertical



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

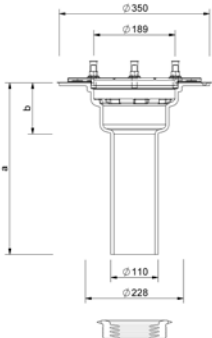
screw-on flange extension unit



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

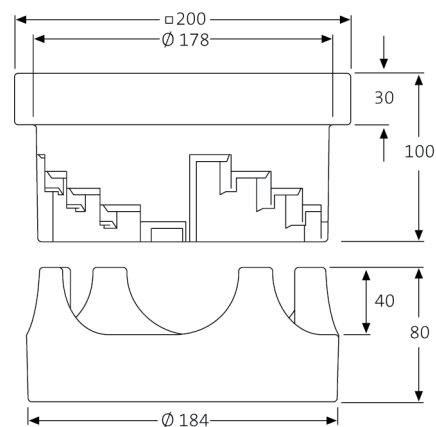
SitaMulti grating frame



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

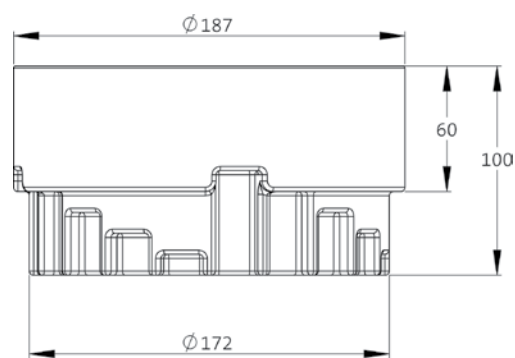
height compensation piece



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

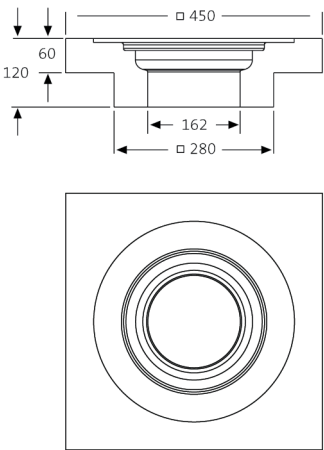
insulating body for rainwater outlet



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

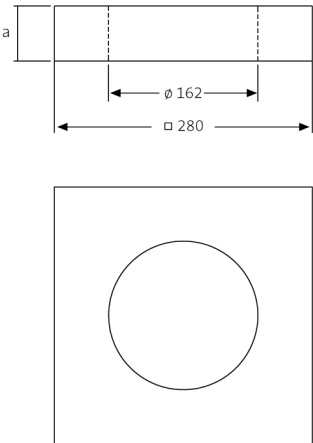
insulating body for compensating ring



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

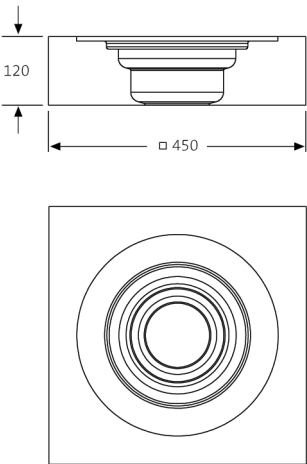
insulating body for extension element



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

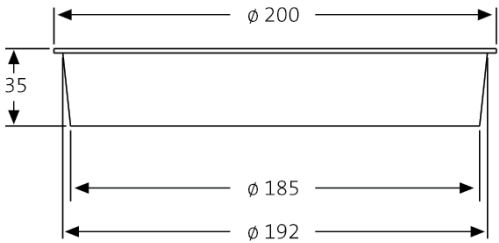
construction period protective cover



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

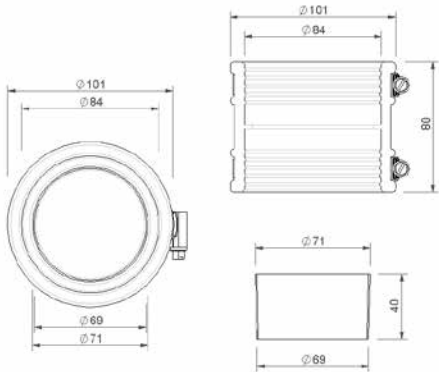
transition connector set



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

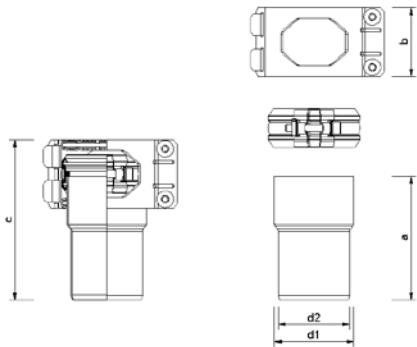
SitaMulti connector set



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

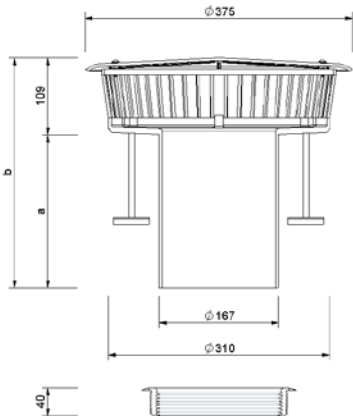
for SitaStandard/SitaMulti



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

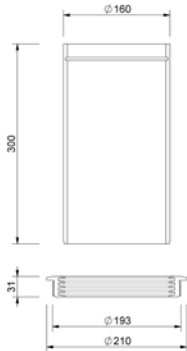
SitaMore retaining ring



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

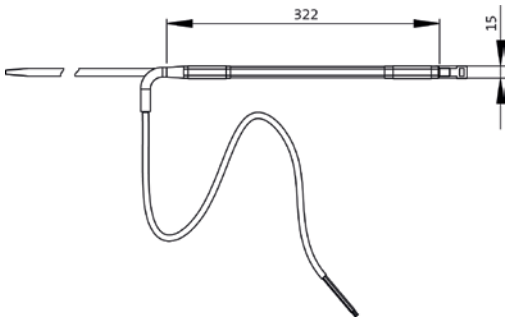
pipe sleeve heating



Tender text

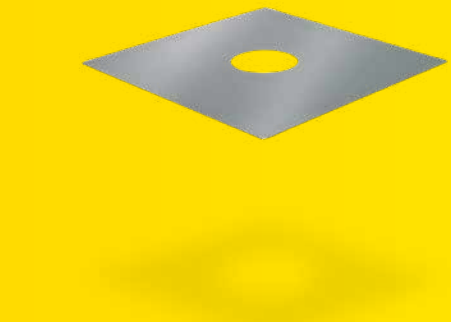
SitaMore pipe sleeve heating, for heating roof outlets and pipes. self-regulating PTC heating element with a heat rating of approx. 10 W at -20 °C and 230 V. with two cable ties for easy securing to pipes or roof outlets. No transformer required. supply and install to professional standards.

Technical drawing



Article number
10 90 35

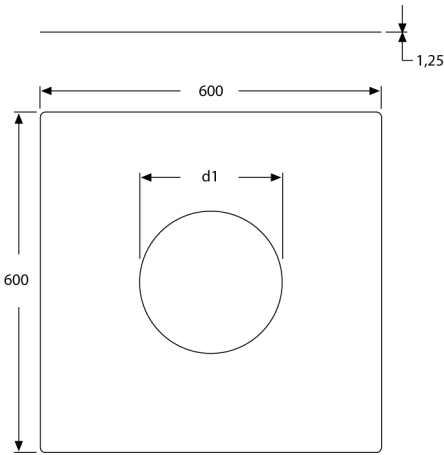
SitaMore reinforcement plate



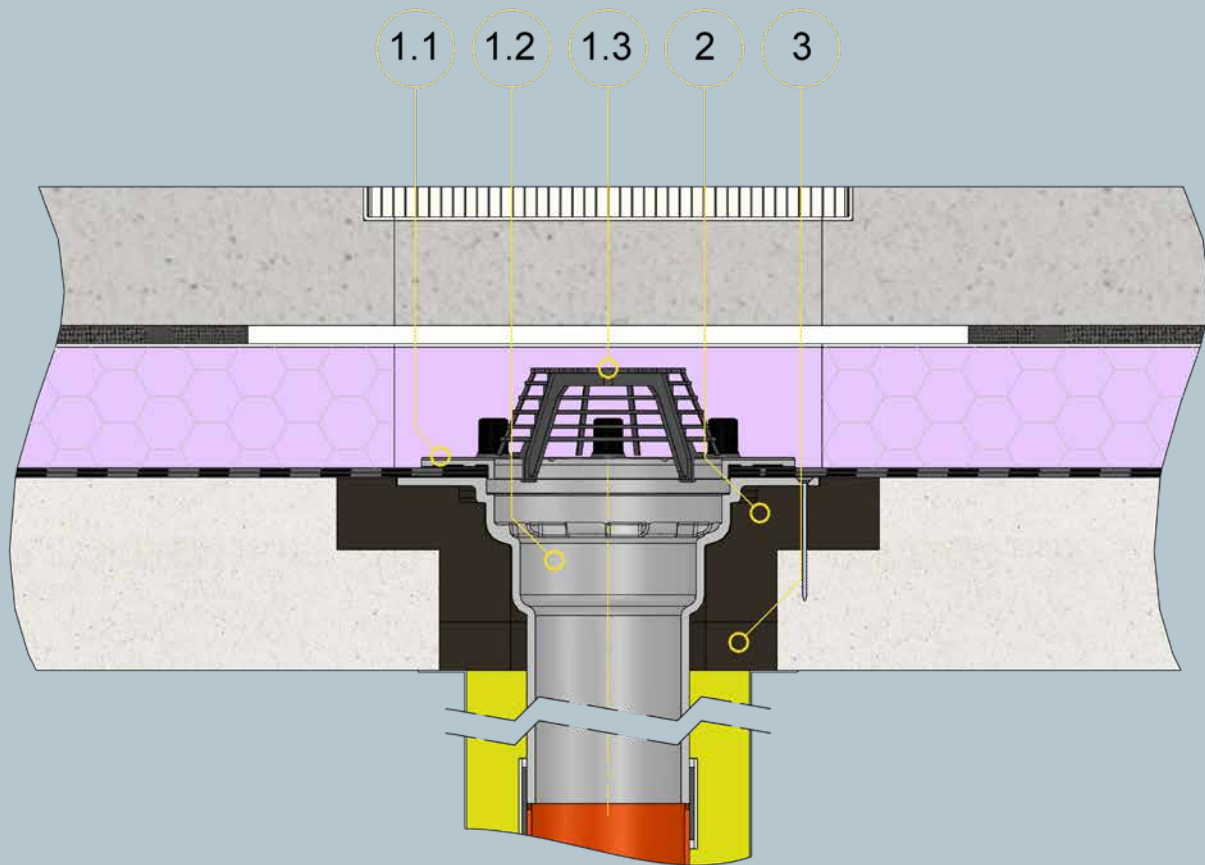
Tender text

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

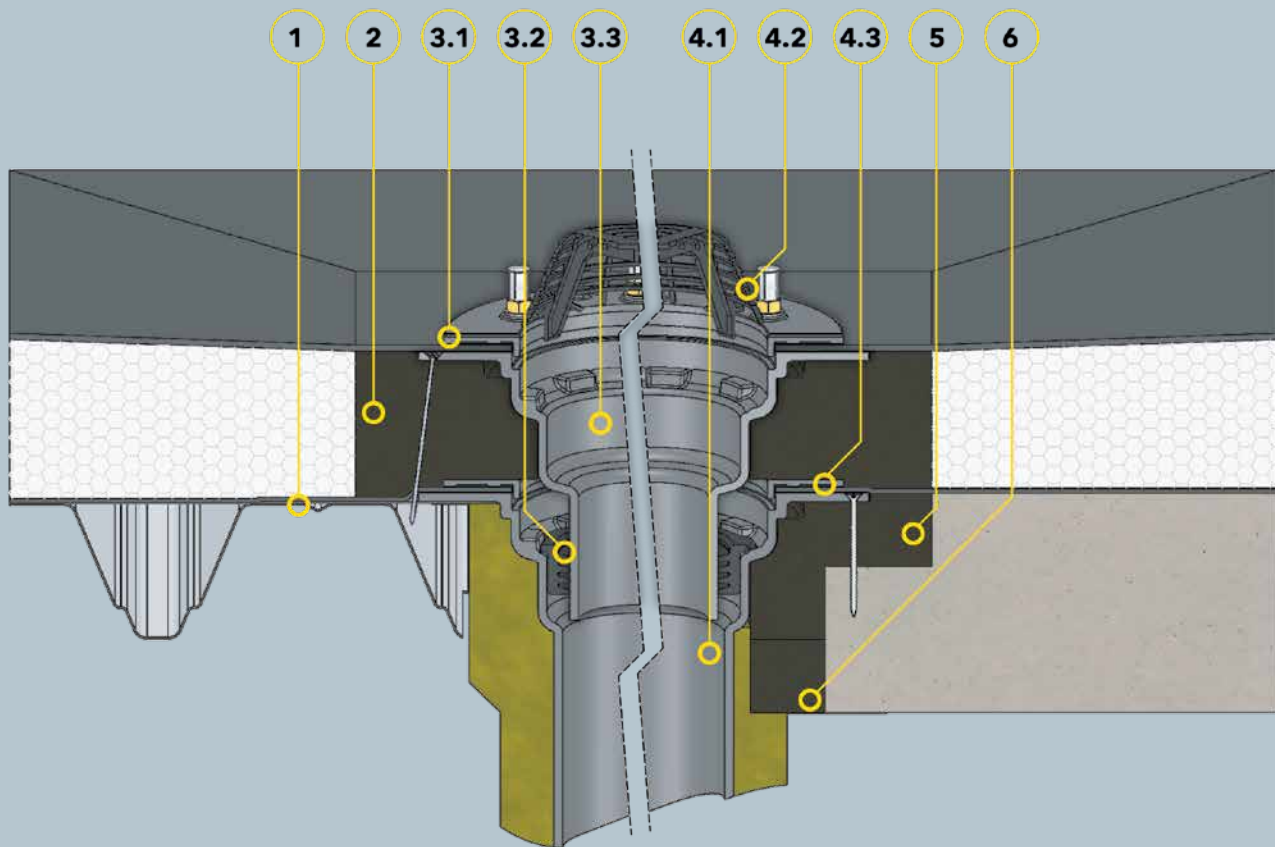
SitaMulti consisting of:

- 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:

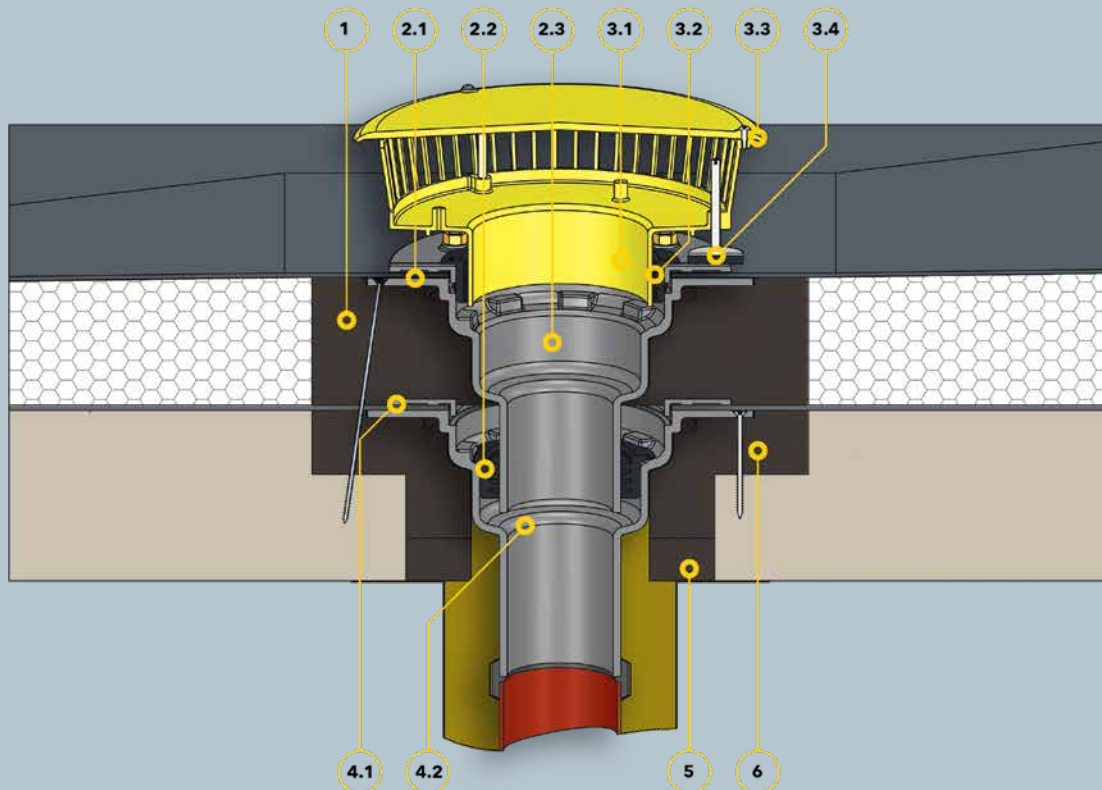
- 4.1** Base body
- 4.2** Dome grate
- 4.3** Screw-on flange, nuts, washers and sealing sleeves

- 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

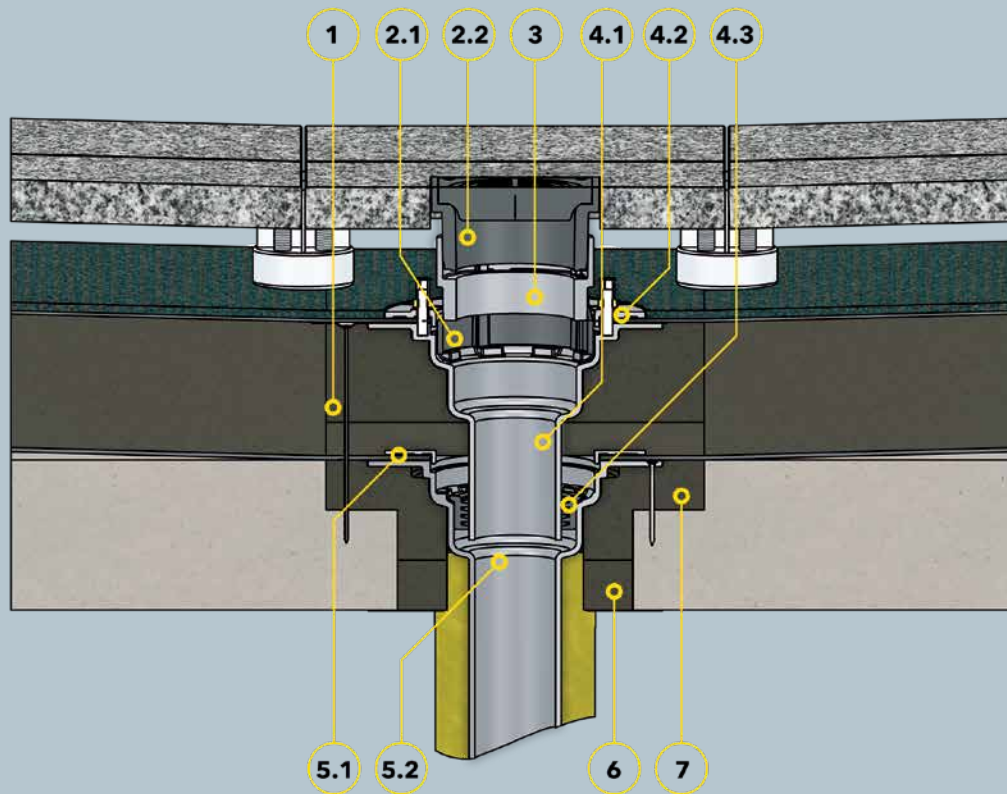
SitaMulti consisting of:

- 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

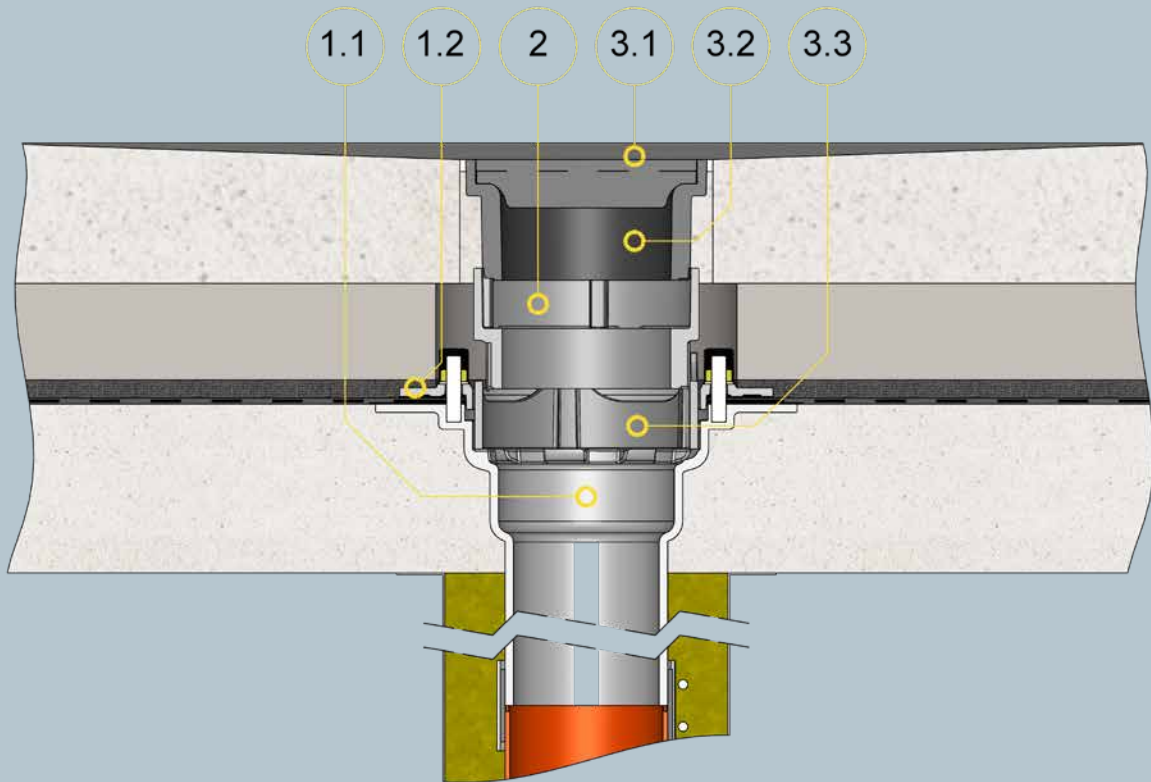
6 SitaMulti insulating body compensating ring

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

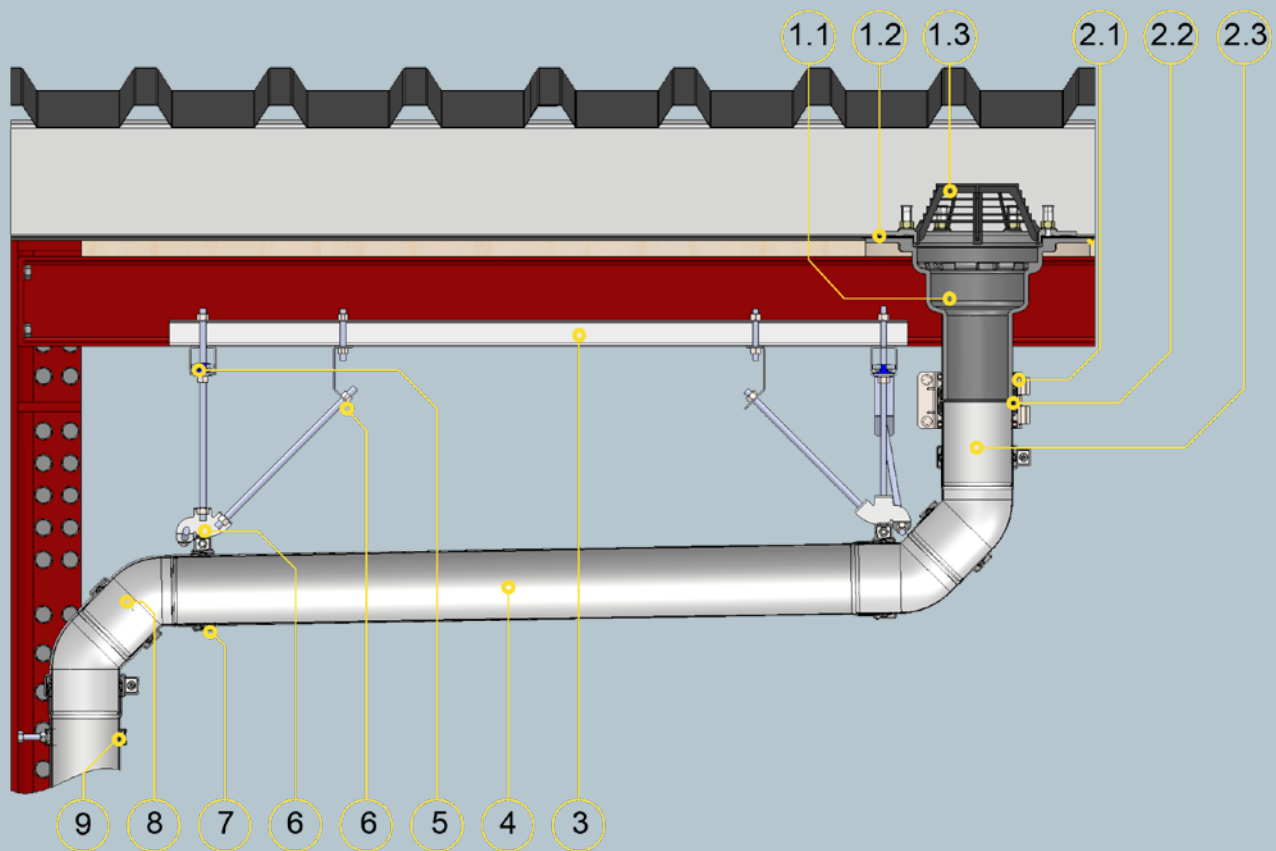
SitaMulti grating frame, consisting of:

- 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

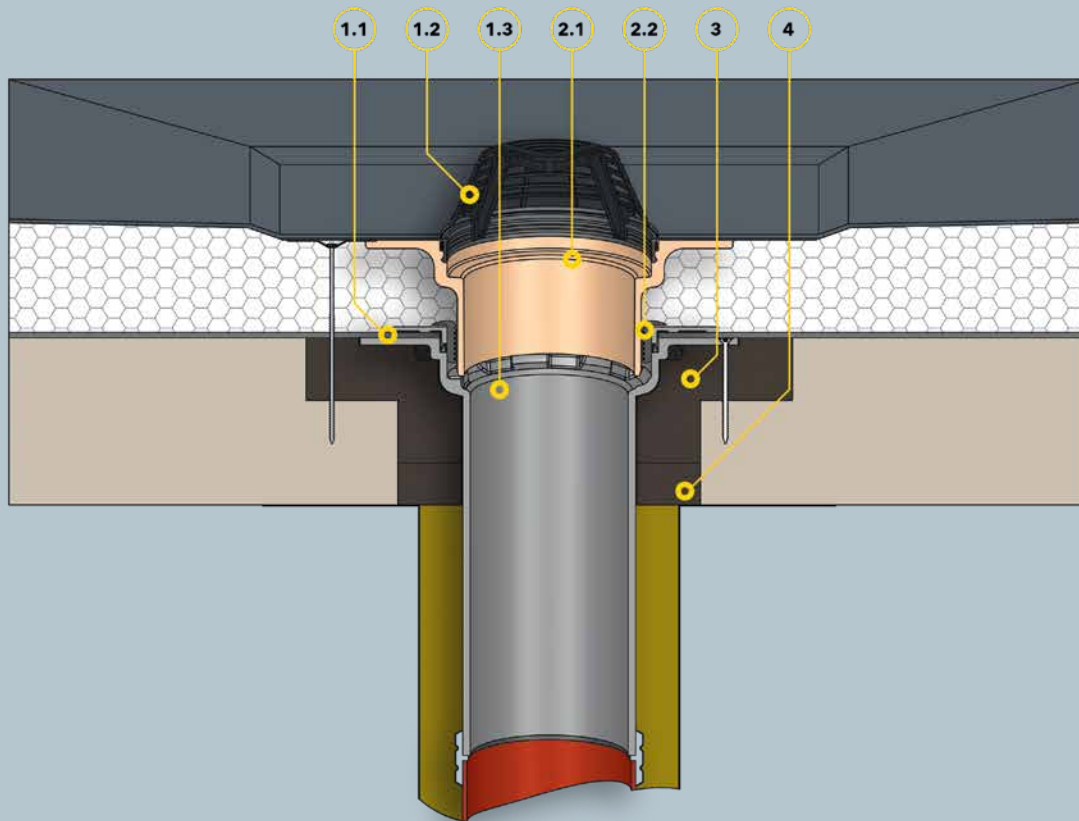
- 3** SitaDSS Rail mounting rail
- 4** SitaPipe stainless steel pipe

- 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

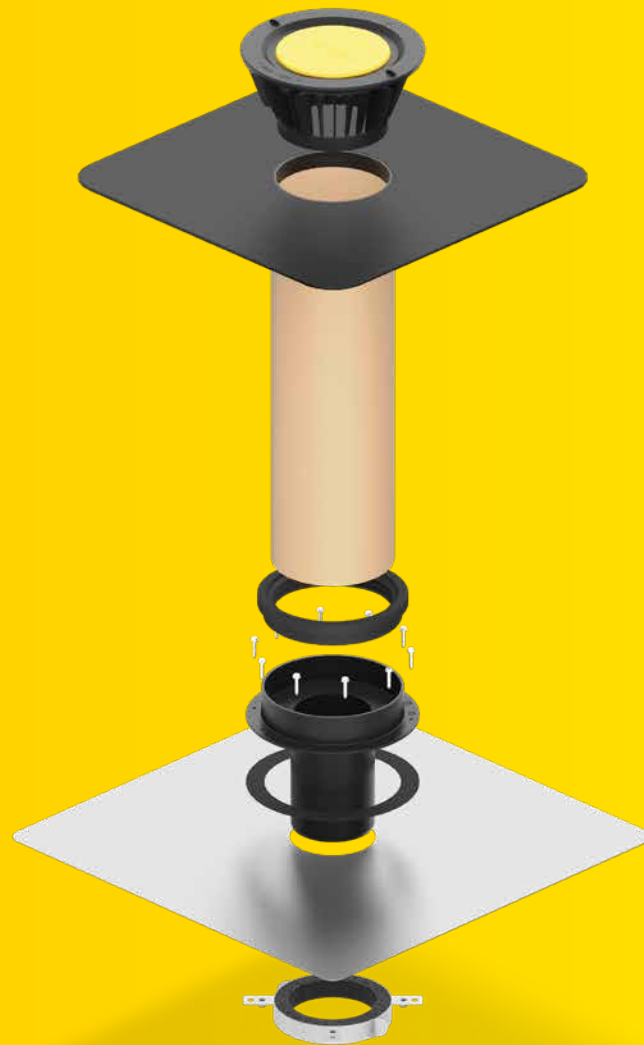
Roof structure

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

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

SitaFireguard®

Versatile and light. Fire protection in the set.



SitaFireguard®

- + For preventive fire safety to DIN 18234
- + A complete set allowing easy and safe installation
- + Small roof penetrations thanks to optimised shape of the PE base body
- + Optimised backflow safety thanks to perfectly seated seal
- + with integrated selected connection sleeve or screw-on flange construction
- + For main and emergency drainage



SitaFireguard®
with dome grate



SitaFireguard®
with retaining element



SitaFireguard®
screw-on flange
with dome grate



SitaFireguard®
screw-on flange
with retaining element



SitaFireguard®
insulating body
mineral wool

SitaFireguard®

Product features at a glance:

Product features

Applications	For main and emergency drainage to DIN 12056-3 and DIN 1986-100 for conventional drainage and for preventive fire protection for flat roofs with requirements according to DIN 18234
Material	Sheet steel. polyethylene. polyurethane
Temperature resistance. min.	-20 °C
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



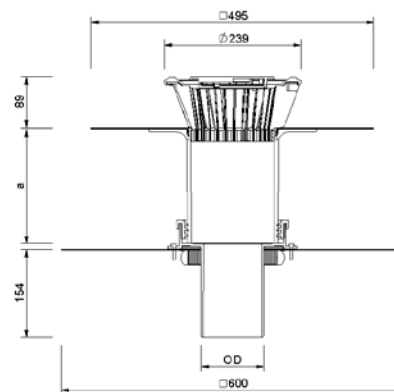
SitaFireguard® with dome grate



Tender text

SitaFireguard® with dome grate for preventive fire protection and to prevent the spread of fire from below where there are small penetrations according to DIN 18234 Part 3 and 4. in two parts. consisting of: PE base body with collar for fixing to the reinforcement plate and for clamping the vapour barrier. to DIN EN 1253-2. Including extension unit for insulating material thicknesses from 65 mm to 210 mm or 105 mm to 570 mm made of PUR with large connection sleeve of choice and dome grate. For direct connection to pipes with plug-in coupler. for conventional drainage. with a sealing sleeve and a reinforcement plate to DIN EN 1090-4. with pre-assembled fire protection sleeve. supply complete and install to professional standards.

Technical drawing



DN	OD*	Opening/Core borehole (mm)	Recess dimension (mm x mm)	a (mm)	Thickness of insulation material (mm)	Article number
70	75	185	150 x 150	200	65 - 210	F 30 27 xx
				550	105 - 570	F 30 28 xx
100	110	235	190 x 190	200	65 - 210	F 30 31 xx
				550	105 - 570	F 30 32 xx
125	125	255	200 x 200	200	65 - 210	F 30 35 xx
				550	105 - 570	F 30 36 xx
150	160	300	300 x 300	200	65 - 210	F 30 39 xx
				550	105 - 570	F 30 40 xx

* OD = Outer diameter (mm)

xx = Article end numbers for connection sleeve of choice

Discharge rate according to DIN EN 1253

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	0.5	1.0	1.8	2.7	3.3	4.3	5.0	5.7	6.7	7.4	8.3	9.1	9.6	10.4	11.0	11.6	12.6	13.4	14.8	16.0
100	0.7	1.3	2.3	3.0	4.0	4.8	5.6	6.4	7.2	8.0	8.8	9.6	10.4	11.2	12.0	14.0	16.6	18.0	20.0	23.0
125	0.5	1.2	2.0	2.9	3.6	4.7	5.5	6.3	7.3	8.3	9.2	10.0	11.0	12.0	13.2	14.9	16.6	18.0	21.0	24.9
150	0.5	1.0	1.5	2.5	3.1	4.4	5.2	6.8	8.1	9.3	11.0	12.9	14.9	16.5	17.7	18.4	19.5	20.0	21.1	22.0

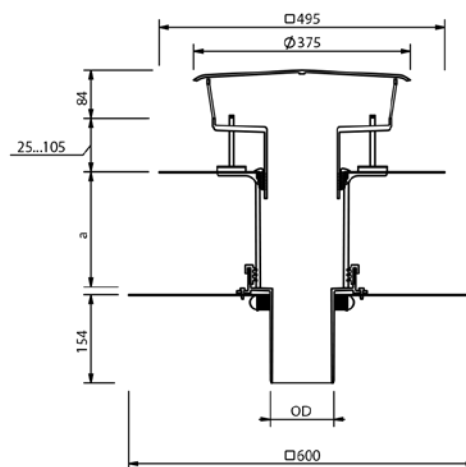
SitaFireguard® with retaining element



Tender text

SitaFireguard® with retaining element for preventive fire protection and to prevent the spread of fire from below where there are small penetrations according to DIN 18234 Part 3 and 4. in two parts. consisting of: PE base body with collar for fixing to the reinforcement plate and for clamping the vapour barrier. to DIN EN 1253-2. Including extension unit for insulating material thicknesses from 65 mm to 210 mm or 105 mm to 570 mm made of PUR with large connection sleeve of choice and signal yellow retaining element. For direct connection to pipes with plug-in coupler. for conventional drainage. with a sealing sleeve and a reinforcement plate to DIN EN 1090-4. with pre-assembled fire protection sleeve. supply complete and install to professional standards.

Technical drawing



DN	OD*	Opening/Core borehole (mm)	Recess dimension (mm x mm)	a (mm)	Thickness of insulation material (mm)	Article number
70	75	185	150 x 150	200	65 - 210	F 30 29 xx
				550	105 - 570	F 30 30 xx
100	110	235	190 x 190	200	65 - 210	F 30 33 xx
				550	105 - 570	F 30 34 xx
125	125	255	200 x 200	200	65 - 210	F 30 37 xx
				550	105 - 570	F 30 38 xx
150	160	300	300 x 300	200	65 - 210	F 30 41 xx
				550	105 - 570	F 30 42 xx

* OD = Outer diameter (mm)

xx = Article end numbers for connection sleeve of choice

Discharge rate according to DIN EN 1253

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	0.9	2.3	3.4	4.8	6.0	7.2	8.7	10.3	11.6	12.4	12.9	13.5	14.0	16.2	16.5	16.5	16.5	16.5	16.5	16.5
100	1.0	2.2	3.3	4.5	5.7	7.1	8.6	10.0	11.5	13.4	15.4	17.4	20.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0
125	1.0	2.2	3.3	4.6	6.0	7.4	8.9	0.5	12.0	13.5	15.4	18.0	22.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0
150	0.8	1.5	2.0	4.6	6.0	7.4	8.7	10.0	11.4	13.1	15.0	16.6	18.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0

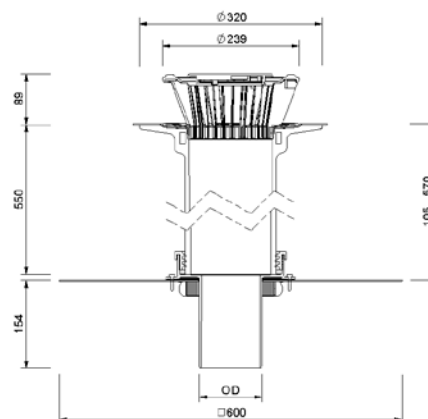
SitaFireguard® screw-on flange with dome grate



Tender text

SitaFireguard® screw-on flange with dome grate for preventive fire protection and to prevent the spread of fire from below where there are small penetrations according to DIN 18234 Part 3 and 4, in two parts, consisting of: PE base body with collar for fixing to the reinforcement plate and for clamping the vapour barrier, to DIN EN 1253-2. Including extension unit for insulating material thicknesses from 105 mm to 570 mm made of PUR with screw-on flange construction and dome grate. For direct connection to pipes with plug-in coupler, for conventional drainage, with a sealing sleeve and a reinforcement plate to DIN EN 1090-4, with pre-assembled fire protection sleeve, supply complete and install to professional standards.

Technical drawing



DN	OD*	Opening/Core borehole (mm)	Recess dimension (mm x mm)	Thickness of insulation material (mm)	Article number
70	75	185	150 x 150	105 - 570	F 30 28 99
100	110	235	190 x 190		F 30 32 99
125	125	255	200 x 200		F 30 36 99
150	160	300	300 x 300		F 30 40 99

* OD = Outer diameter (mm)

Discharge rate according to DIN EN 1253

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	0.5	1.0	1.8	2.7	3.3	4.3	5.0	5.7	6.7	7.4	8.3	9.1	9.6	10.4	11.0	11.6	12.6	13.4	14.8	16.0
100	0.7	1.3	2.3	3.0	4.0	4.8	5.6	6.4	7.2	8.0	8.8	9.6	10.4	11.2	12.0	14.0	16.6	18.0	20.0	23.0
125	0.5	1.2	2.0	2.9	3.6	4.7	5.5	6.3	7.3	8.3	9.2	10.0	11.0	12.0	13.2	14.9	16.6	18.0	21.0	24.9
150	0.5	1.0	1.5	2.5	3.1	4.4	5.2	6.8	8.1	9.3	11.0	12.9	14.9	16.5	17.7	18.4	19.5	20.0	21.1	22.0

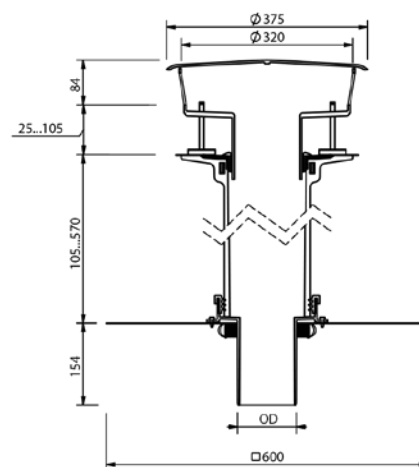
SitaFireguard® screw-on flange with retaining element



Tender text

SitaFireguard® screw-on flange with retaining element for preventive fire protection and to prevent the spread of fire from below where there are small penetrations according to DIN 18234 Part 3 and 4, consisting of: PE base body with collar for fixing to the reinforcement plate and for clamping the vapour barrier, to DIN EN 1253-2. Including extension unit for insulating material thicknesses from 105 mm to 570 mm made of PUR with screw-on flange construction and signal yellow retaining element. For direct connection to pipes with plug-in coupler, for conventional drainage, with a sealing sleeve and a reinforcement plate to DIN EN 1090-4, with pre-assembled fire protection sleeve, supply complete and install to professional standards.

Technical drawing



DN	OD*	Opening/Core borehole (mm)	Recess dimension (mm x mm)	Thickness of insulation material (mm)	Article number
70	75	185	150 x 150	105 - 570	F 30 30 99
100	110	235	190 x 190		F 30 34 99
125	125	250	200 x 200		F 30 38 99
150	160	300	300 x 300		F 30 42 99

* OD = Outer diameter (mm)

Discharge rate according to DIN EN 1253

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	0.9	2.3	3.4	4.8	6.0	7.2	8.7	10.3	11.6	12.4	12.9	13.5	14.0	16.2	16.5	16.5	16.5	16.5	16.5	16.5
100	1.0	2.2	3.3	4.5	5.7	7.1	8.6	10.0	11.5	13.4	15.4	17.4	20.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0
125	1.0	2.2	3.3	4.6	6.0	7.4	8.9	10.5	12.0	13.5	15.4	18.0	22.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0
150	0.8	1.5	2.0	4.6	6.0	7.4	8.7	10.0	11.4	13.1	15.0	16.6	18.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0

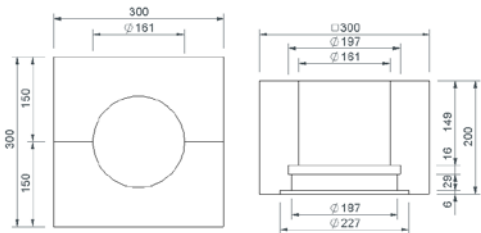
SitaFireguard® insulating body mineral wool



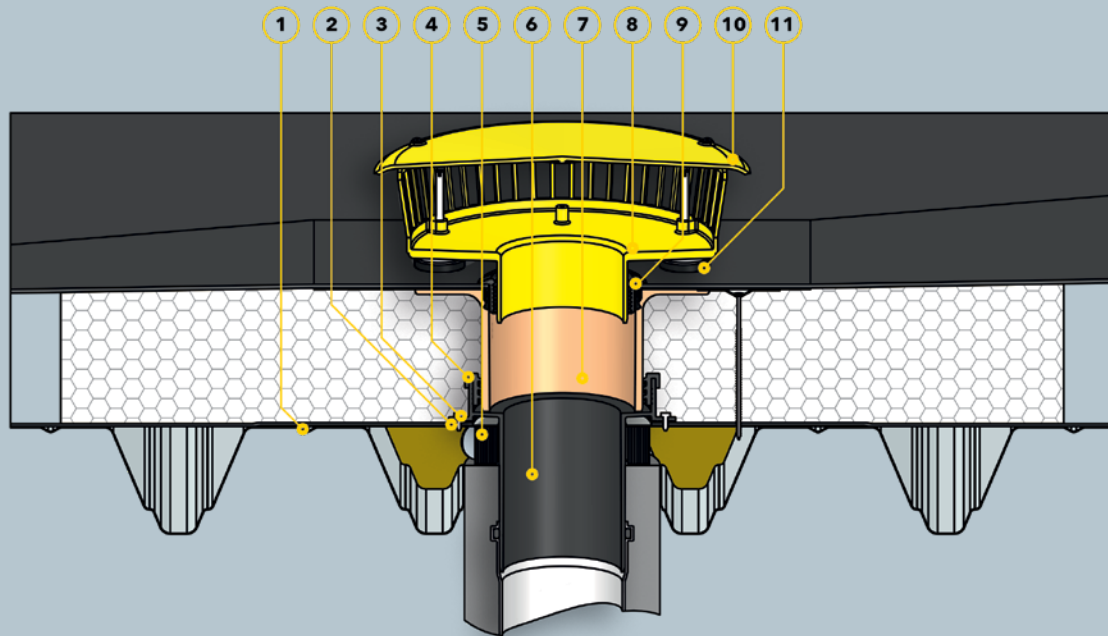
Tender text

SitaFireguard® insulating body. made of mineral fibres. WLG 040. height 200 mm. material class A1 (not flammable). application type DAA dm according to DIN 4108-10. compressive stress ≥ 70 kPa. For thermal insulation and for use as an installation aid for positioning the extension unit for the SitaFireguard®. SitaDSS Fireguard® and the PE pipe for the SitaVent Fireguard®. supply and install to professional standards.

Technical drawing



Compatibility	Article number
SitaFireguard®. SitaDSS Fireguard®, SitaVent Fireguard®	E 10 96 13



Components

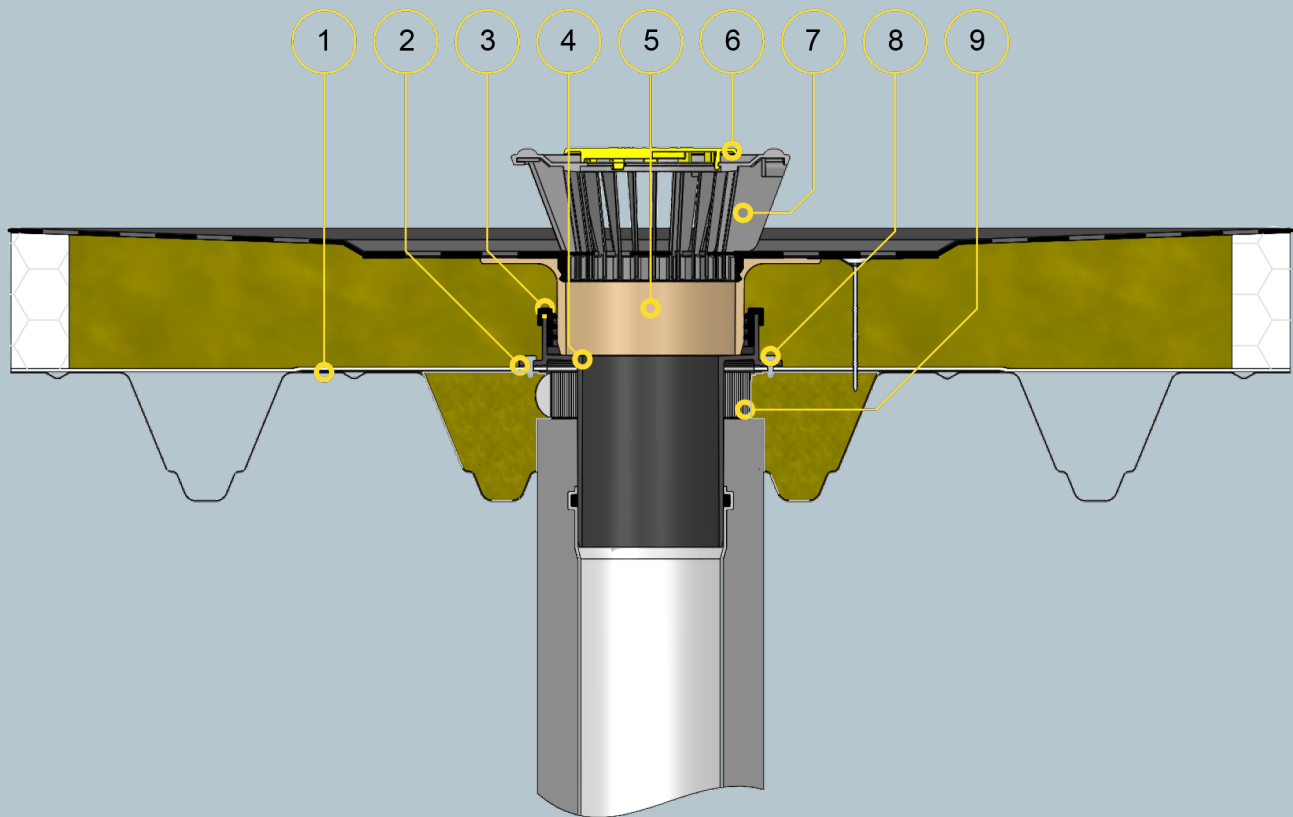
SitaFireguard® emergency drainage consisting of:

- 1 Reinforcement plate
- 2 Sealing sleeve
- 3 Self-tapping screw
- 4 Seal
- 5 Fire protection sleeve
- 6 PE base body
- 7 Extension unit
- 8 Retaining element base body
- 9 Retaining element sealing ring
- 10 Retaining element cover
- 11 Height-adjustable rubber-metal buffers

Roof structure

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

- + Sealing
- + Thermal insulation non-flammable, min. 1.0 m x 1.0 m
- + Vapour barrier
- + Non-flammable section fillers
- + Steel trapezoidal section



Components

SitaFireguard® consisting of:

- 1 Reinforcement plate
- 2 Sealing sleeve
- 3 Seal
- 4 PE base body
- 5 Extension unit
- 6 Dome grate base body
- 7 Dome grate cover
- 8 Self-tapping screw
- 9 Fire protection sleeve

Roof structure

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

- + Sealing
- + Thermal insulation non-flammable, min. 1.0 m x 1.0 m
- + Vapour barrier
- + Non-flammable section fillers
- + Steel trapezoidal section

Connection sleeves for outlets with article end numbers.

For SitaStandard, SitaTrendy, SitaDSS Profi, SitaIndra, SitaDSS Indra, SitaVasant^{*5}, SitaEasy, SitaEasy Plus, SitaCompact, SitaCompact Near^{*4}, SitaCarport, SitaMini^{*3}, SitaSani^{*}, SitaFireguard^{*}, SitaDSS Fireguard^{*}, SitaVent Fireguard^{*} and SitaVent.

Sleeves from the series production

Product-/Trade name	Art. No. end number	Type	Manufacturer
Bitumen	00 ^{*1}	Elastomerbitumen	
PVC soft	10	PVC - light grey	
Fluid	90	for liquid plastic seal (Order-related production lead-time approx: 5 working days ex works)	

Sleeves from the special production

Order-related production lead-time approx: 5 working days ex works

Surcharge see current price list

Product-/Trade name	Art. No. end number	Type	Manufacturer
Alkorplan F35276	49	PVC - medium grey	Renolit AG
Alkortec [®]	05	EVA - dark grey	
Armourplan G	45	PVC - medium grey	IKO Polymeric
Elevate UltraPly	42	TPO/FPO - grey	Holcim Solutions and Products EMEA BV
Elevate UltraPly	54	TPO/FPO - white	
Evalastic V	22 ^{*1}	EPDM - light grey	Alwitra GmbH
Evalon V	25 ^{*1}	EVA - white	
Evalon V	37 ^{*1}	EVA - light grey	
Evalon V	50 ^{*1}	EVA - slate grey	
EverGuard	77	TPO/FPO - light grey	BMI Wolfin Bautechnik
EverGuard	0109	TPO/FPO - white	
Extrapol F	32 ^{*1}	TPO/FPO - light grey	Schedetal Folien GmbH
Flagon EP	73	TPO/FPO - basalt grey	SOPREMA GmbH
Flagon EP	0111	TPO/FPO - sand grey	
Flagon SR	66	PVC - light grey	
Hertalan Easy Weld	07	EPDM - black	Carlisle Construction Materials GmbH
Köster TPO 2.0 F	48 ^{*1}	TPO/FPO - light grey	Köster Bauchemie AG
Mapeplan D 15	06	PVC - light grey	Mapei GmbH (DE)
Mapeplan-T	04	TPO/FPO - smartwhite	
Polyfin 4020 v	16 ^{*1}	TPO/FPO - light grey	Polyfin AG
Resitrix CL	01 ^{*2}	EPDM - black	Carlisle Construction Materials GmbH
Rhepanol HG 18	34	PIB - grey	FDT Flachdachtechnologie GmbH & Co. KG
Sarnafil [®] -TG 66-15	24	TPO/FPO - beige	Sika GmbH
Sarnafil [®] -TG 66-15	76	TPO/FPO - grey	
Sikaplan [®] 15G	09	PVC - light grey	
Sintofoil RG FR	0104	TPO/FPO - light grey	GEORG BÖRNER GmbH & Co. KG
Tectofin RV plus	0105 ^{*1}	ASA-PVC - grey	BMI Wolfin Bautechnik
Tectofin RV plus	0108 ^{*1}	ASA-PVC - titanium grey	
Thermofin F15	02	TPO/FPO - silver grey	Paul Bauder GmbH & Co. KG
Thermofol U15	52	PVC - anthracite	
Thermoplan TL 15	29	TPO/FPO - pearl white	
Thermoplan TL 18	0106	TPO/FPO - granite black	
Thermoplan TL 18	0107	TPO/FPO - silver grey	VAEPLAN GmbH
VAEPLAN F	35	EVA - grey	
Wolfin IB	20	PVC-PBV - black	BMI Wolfin Bautechnik

Surcharge see current price list

NovoProof joining technology	84	EPDM - black	CQLT SaarGummi Deutschland GmbH
Thermobond R	75	EPDM - black	Sealeco GmbH

Surcharge see current price list

Elevate Quickseam	03	EPDM - black	Holcim Solutions and Products EMEA BV
SA Flashing			
Hertalan with joining technology	82	EPDM - black	Carlisle Construction Materials GmbH

^{*1}Fleece-backed membrane, ^{*2}Bitumen side on top, ^{*3}except 03 and 84, ^{*4}except 00 and 90, ^{*5}except 90.

Further connection sleeves upon request.

Our free calculation service.

**Do you need planning security?
We can provide advice and help.
And we make it very easy for you.**

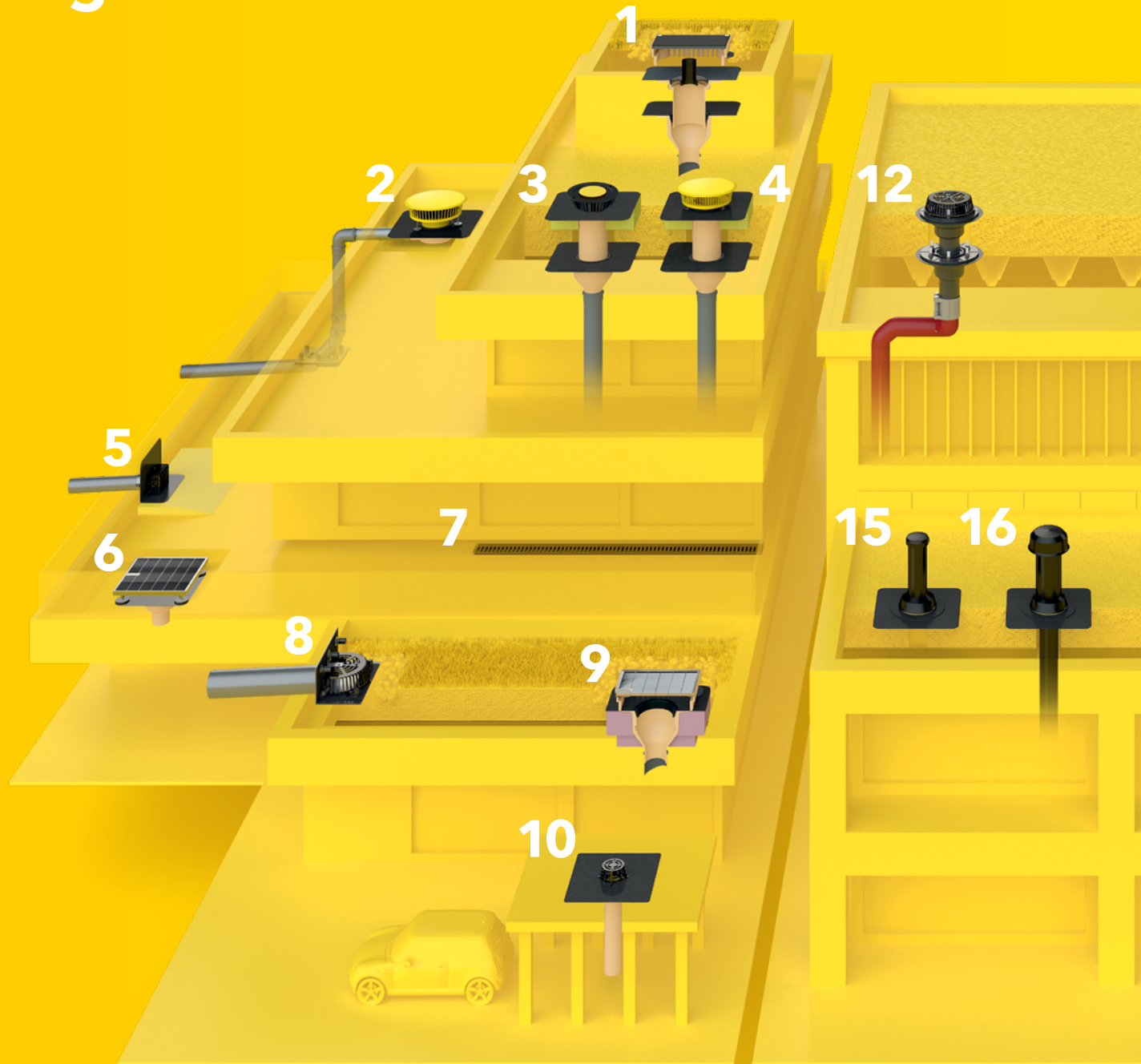
Our experts calculate your main and emergency drainage in compliance with the standards, based on the data of your roof area. Giving us the location of your project enables us to include precise rainfall data in the calculation. That gives you an accurate result calculated easily and exclusive for exactly your project-personal and precise. Simply complete our online form and send it to us.

If you have any questions,
feel free to give us a call:
+44 (0) 7402239777



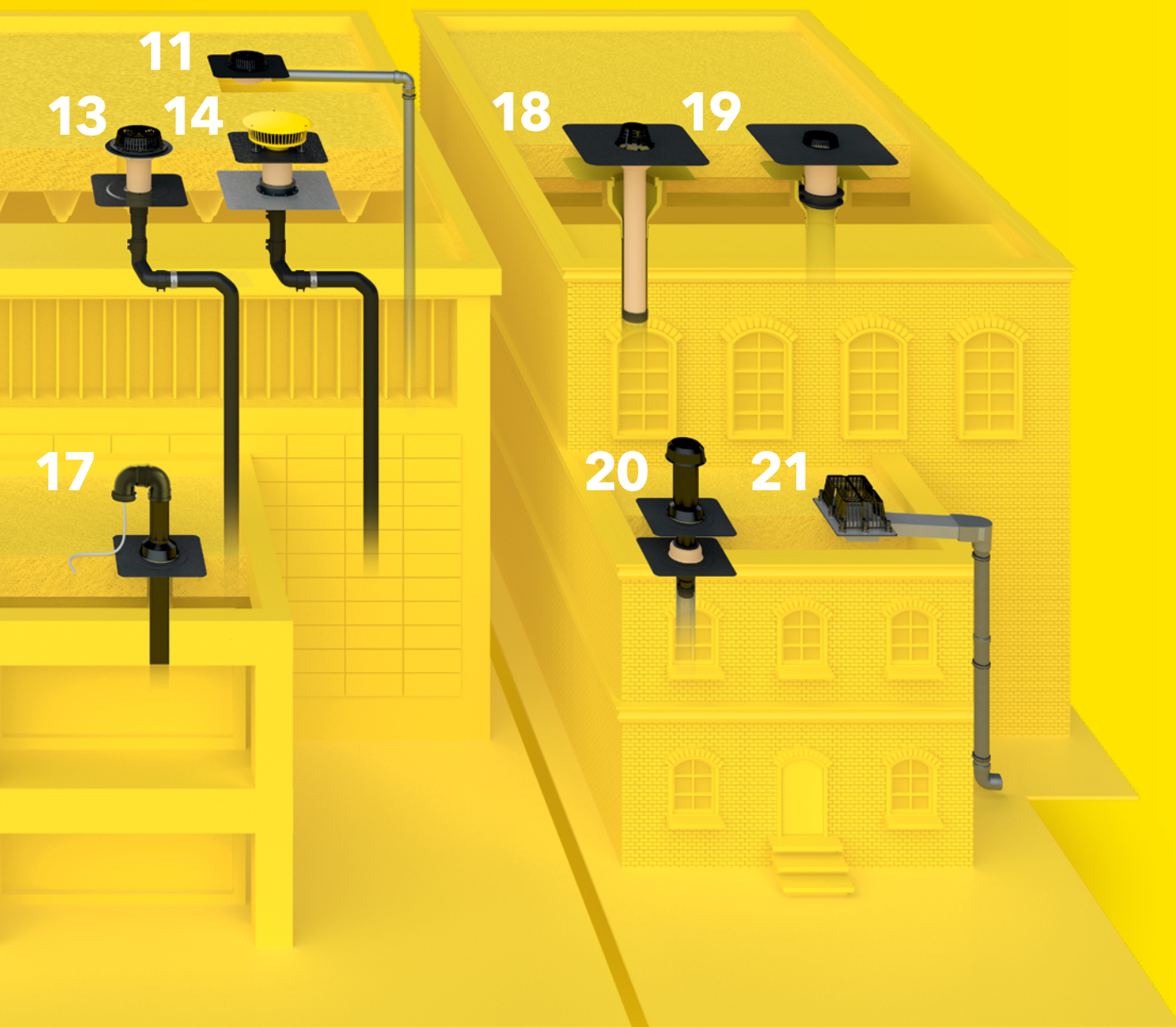
**Sita advice provided
the security
I needed at all
phases of planning
and construction.**

Superbly served - with the Sita product range.



- 1 SitaRetention green roof shaft with SitaRetention Fix
- 2 SitaKaskade Inside with SitaDSS Indra emergency drainage set and SitaPipe stainless steel pipe system
- 3 SitaStandard with SitaStandard extension unit and insulating body in use for the extension unit
- 4 SitaStandard with SitaStandard extension unit and SitaMore retaining element

- 5 SitaEasy
- 6 SitaDrain® Terra with SitaCompact
- 7 SitaDrain® box drain with footbridge
- 8 SitaRondo
- 9 SitaGreen roof shaft with SitaTrendy and SitaTrendy insulating body
- 10 SitaCarport



- 11** SitaDSS Indra main drainage set
- 12** SitaDSS Multi with SitaDSS Multi extension unit
- 13** SitaDSS Profi with SitaDSS Profi extension unit
- 14** SitaDSS Fireguard* with retaining element
- 15** SitaVent Revision

- 16** SitaVent system vent with SitaVent condensation deflector
- 17** SitaVent pipe bent with pipe fairlead
- 18** SitaSani* drainage into the existing pipe system
- 19** SitaSani* drainage into the existing roof outlet

- 20** SitaVent refurbishment vent with SitaVent base plate
- 21** SitaTurbo loose retention valve

Sita direct. Contacts.

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- + Life Cycle Assessment for Polyurethane Components
- + Consideration of the life cycle process
- + Ensuring sustainability & corporate transparency



Information on the ecological balance of products is increasingly being requested. With the EPD, Environmental Product Declaration, we are taking a further step towards sustainability and corporate transparency.

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Sita product segments:



Conventional
drainage



Balcony and
terrace drainage



Fire
protection



Siphonic
drainage



Drainage



Pipe



Emergency
drainage



Green roof
and retention



Parapet
drainage



Refurbishment



Kaskade



Ventilation and
pipe fairlead

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