

SitaConcrete

Easy processing. Safe drainage.



- + TÜV-tested product
- + Verified discharge volumes
- + For direct embedding in concrete
- + Available in five sizes depending on concrete thickness
- + One part, many accessories available



SitaConcrete



SitaConcrete
end grate



SitaCompact
retaining ring



SitaCompact
balcony outlet grating
for linear drainage



SitaCompact
Fluid
pipe holder



SitaCompact
Fluid
height compensation
piece

SitaConcrete

Product features at a glance:

Product features

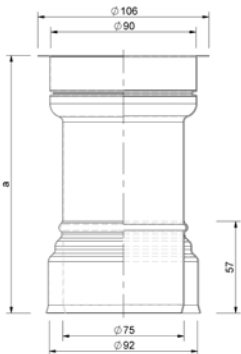
Applications	For main drainage according to DIN EN 12056-3 and DIN 1986-100 of balconies and loggias on top of each other, made of impermeable concrete use class B according to the DAfStb impermeable concrete structures guideline
Material	Rust-proof stainless steel
Design	vertical
Temperature resistance, min.	-20 °C
Temperature resistance, max.	80 °C
Material class	Euroclass A1 /A1 non-flammable
Properties	+ Not sensitive to the weather (UV/IR radiation, rain/snow, temperature, ozone, etc.) + Impact and shock resistant + Durable
Workmanship	The general rules of engineering as well as the installation examples and installation instructions of Sita Bauelemente GmbH form the basis. The installation examples are for illustration purposes only and are a general, non-binding recommendation. The design is shown in schematic form only and does not replace the necessary work, detail and installation planning by the contractor. The customer, planner, contractor, etc. is responsible for checking the suitability, completeness and dimensions for the project and adjusting or tailoring the components to suit local requirements. Neighbouring works are shown in schematic form with no guarantee of their being complete or correct. The technical specifications in the information sheets, workmanship guidelines and system permits must be adhered to.



Tender text

SitaConcrete, balcony outlet for concrete surfaces without waterproofing membrane, made of rust-proof stainless steel, material number 1.4301, size DN 70, discharge rate with end grate 3.4 l/s at 35 mm retaining height, for direct concreting into 140 mm, 160 mm, 180 mm, 200 mm and 220 mm high ceilings, with attached formwork dome, for easy connection of sleeve pipes such as SitaPipe Edelstahl pipe for conventional drainage, supply and install to professional standards.

Technical drawing



a (mm)	Article number
140	34 02 14
160	34 02 16
180	34 02 18
200	34 02 20
220	34 02 22

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	0.4	0.8	1.1	1.8	2.5	3.0	3.4	3.6	3.7	3.8	3.9	4.2	4.4	4.5	4.5	4.5	4.5	4.5	4.5	4.5

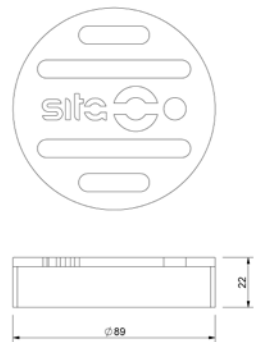
SitaConcrete end grate



Tender text

SitaConcrete end grate, made of rust-proof stainless steel, material number 1.4301, for use in the upper SitaConcrete outlet in linear drainage, supply and install to professional standards.

Technical drawing



Article number
34 00 00

SitaCompact retaining ring



Tender text

SitaCompact retaining ring for emergency drainage, made of PE-HD for SitaCompact and SitaCompact screw-on flange roof outlets and extension units, length 150 mm, with sealing ring and lubricant, supply and install to professional standards.

Technical drawing



Compatibility	Damming height from – to (mm)	Article number
SitaCompact, SitaSani® 70,95	20 - 118	19 90 01

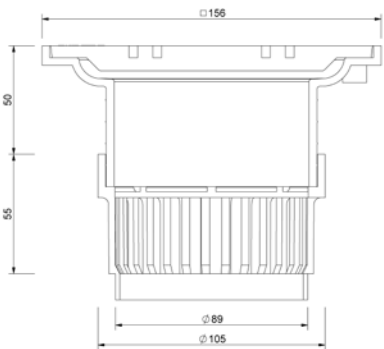
SitaCompact balcony outlet grating for linear drainage



Tender text

SitaCompact balcony outlet grating with inlet filter grille for linear drainage, made of ABS (acrylonitrile butadiene styrene) and aluminium end grate, for rainwater drainage on the waterproofing layer and the top layer, end grate with integrated slots to hold a downspout in sizes DN 50 or DN 70. For bridging of top layers from 75 mm - 105 mm, supply and install to professional standards.

Technical drawing



Article number
19 90 40

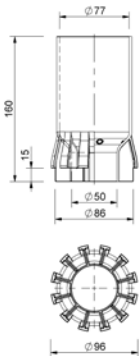
SitaCompact Fluid pipe holder



Tender text

SitaCompact Fluid pipe holder, made of ABS (acrylonitrile butadiene styrene), to hold the downpipe from the balcony above and to direct the rainwater to the outlet, for pipes up to an external diameter of 75 mm, supply and install to professional standards.

Technical drawing



Compatibility	Article number
SitaCompact Fluid, SitaConcrete	19 90 23

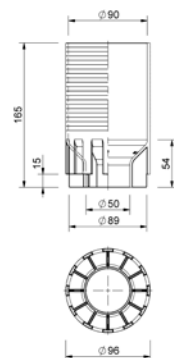
SitaCompact Fluid height compensation piece



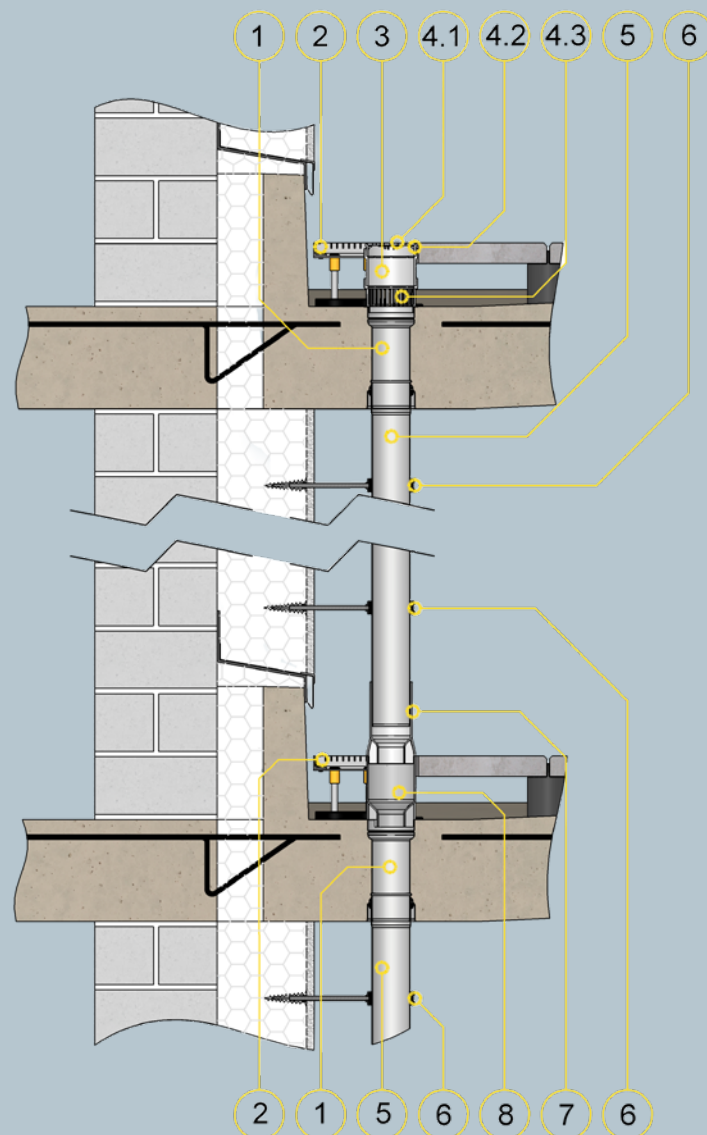
Tender text

SitaCompact Fluid height compensation piece, made of ABS (acrylonitrile butadiene styrene), combined with the SitaCompact Fluid pipe holder, for an additional height adjustment of 95 mm, supply and install to professional standards.

Technical drawing



Compatibility	Article number
SitaCompact Fluid, SitaConcrete	19 90 24



Components

- 1 SitaConcrete
- 2 SitaDrain® Endlos initial piece
- 3 SitaMore height compensation piece

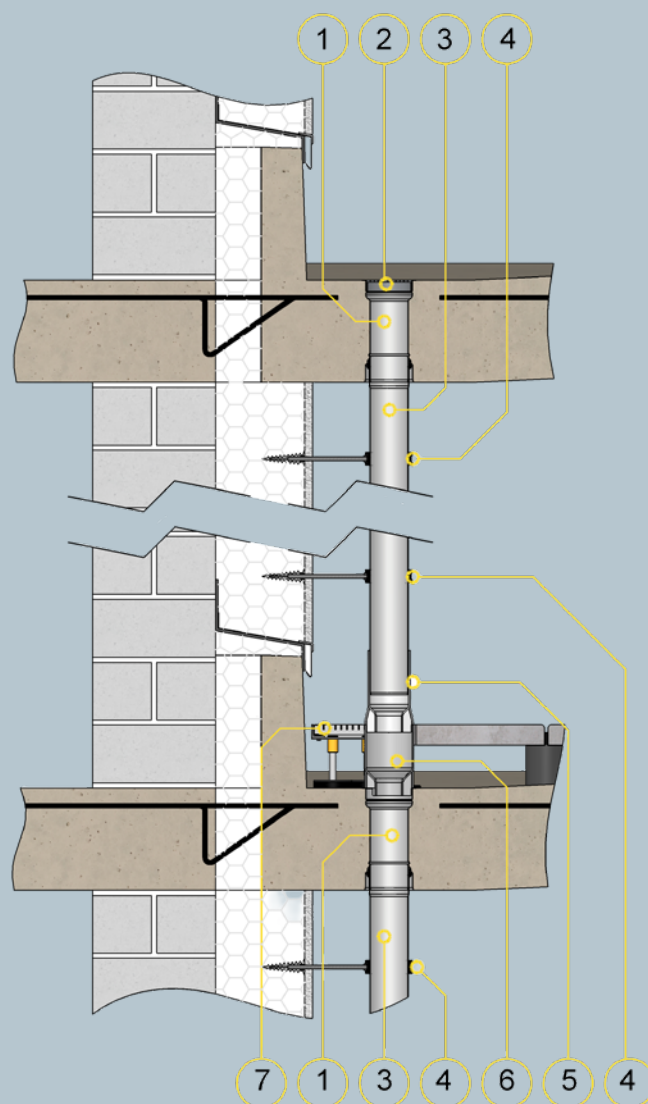
SitaCompact balcony outlet grating consisting of:

- 4.1 End grate
- 4.2 Housing
- 4.3 Inlet filter grille
- 5 SitaPipe Edelstahl pipe
- 6 SitaPipe Edelstahl pipe clamp
- 7 SitaCompact Fluid pipe holder

- 8 SitaCompact Fluid height compensation piece

Roof structure

Roof structure with slab paving on support pads to the general rules of engineering with:
 + Slab paving on support pads
 + Substructure



Components

- 1 SitaConcrete
- 2 SitaConcrete end grate
- 3 SitaPipe Edelstahl pipe
- 4 SitaPipe Edelstahl pipe clamp
- 5 SitaCompact Fluid pipe holder
- 6 SitaCompact Fluid height compensation piece
- 7 SitaDrain® Endlos

Roof structure

Roof structure 1 according to the general rules of engineering with:
+ Substructure

Roof structure 2 according to the general rules of engineering with:
+ Slab paving on support pads
+ Substructure