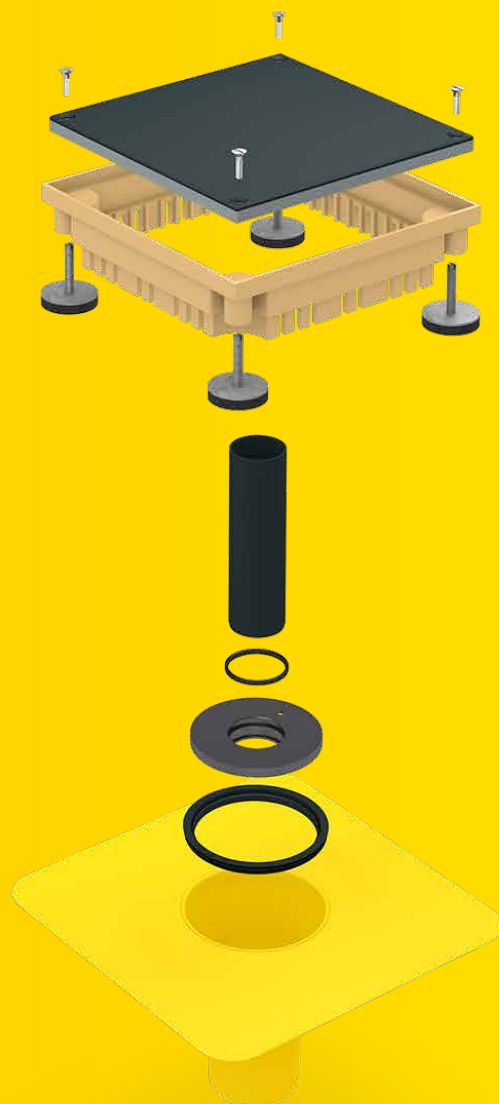


SitaRetention

The retainer. For controlled drainage.



- + For use in conventional drainage outlets for targeted reduction of water intake
- + Optionally with or without dome grate depending on application
- + Simple insertion in the outlet pot without extra tools
- + With scaled adjusting slide or predefined opening
- + For controlled rainwater drainage



SitaRetention
Twist
with dome grate



SitaRetention
Fix



SitaRetention
Twist
without dome grate



SitaRetention
Twist small
without dome grate



SitaRetention
green roof shaft



SitaRetention
green roof shaft for
intensive greenery

SitaRetention

Product features at a glance:

Product features	
Applications	For delayed rainwater drainage with a retention roof For drainage of rainwater for intensive and extensive roof greenery with a retention roof
Material	PE-HD Polyurethane, PE and EPDM
Temperature resistance, min.	-20 °C
Temperature resistance, max.	80 °C
Material class	Euroclass E / B2 normal flammability
Properties	+ Simple insertion in the outlet + Can be individually shortened + Not sensitive to the weather (UV/IR radiation, rain/snow, temperature, ozone, etc.) + Impact and shock resistant + Durable

SitaRetention

Twist

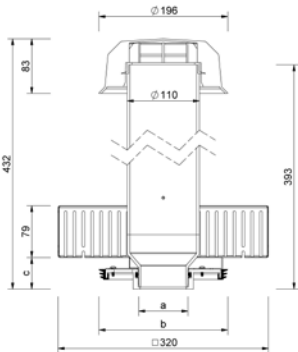
with dome grate



Tender text

SitaRetention Twist with dome grate, made of polyamide (base plate and rain cover) and PE (ventilation pipe), with scaled adjusting slide made of stainless steel for the controlled discharge of rainwater, for installation in roof outlets of the SitaStandard, Sitalndra or SitaTrendy series. The ventilation pipe can be individually shortened on site, including sealing rings made of EPDM, supply and install to professional standards.

Technical drawing



For model/series	a (mm)	b (mm)	c (mm)	Article number
SitaStandard, Sitalndra	75	196	48	40 92 01
SitaTrendy	40	153	46	40 92 03

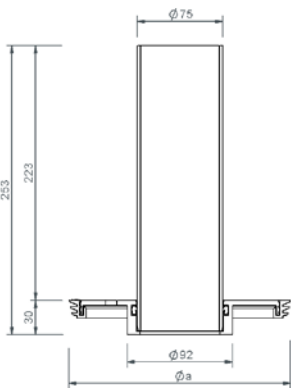
SitaRetention Fix



Tender text

SitaRetention Fix, made of polyamide (base plate) and HDPE (ventilation pipe), with a predefined opening to ensure a controlled discharge of rainwater from a retention roof, for installation in roof outlets of the SitaStandard, SitaIndra and SitaMulti or SitaTrendy series. The ventilation pipe can be individually shortened on site, unshortened height 223 mm, with sealing rings made of EPDM, supply and install to professional standards.

Technical drawing



For model/series	a (mm)	Article number
SitaStandard, SitaIndra, SitaMulti	194	40 91 03
SitaTrendy	151	40 91 04

SitaRetention

Twist

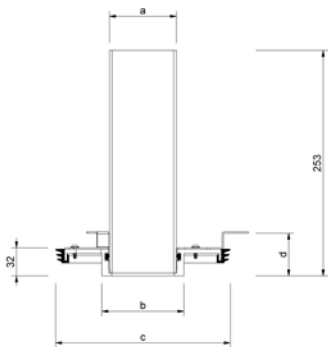
without dome grate



Tender text

SitaRetention Twist without dome grate, made of polyamide (base plate) and PE (ventilation pipe), with scaled adjusting slide made of stainless steel for the controlled discharge of rainwater on green roofs, for installation in roof outlets of the SitaStandard, SitaIndra or SitaTrendy series. The ventilation pipe can be individually shortened on site, including sealing rings made of EPDM, for installation with the SitaRetention green roof shaft, supply and install to professional standards.

Technical drawing



For model/series	a (mm)	b (mm)	c (mm)	d (mm)	Article number
SitaStandard, SitaIndra	75	92	196	48	40 92 02
SitaTrendy	40	57	153	46	40 92 04

SitaRetention

Twist small

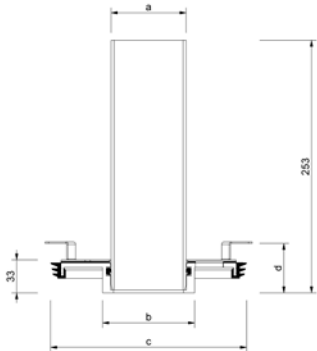
without dome grate



Tender text

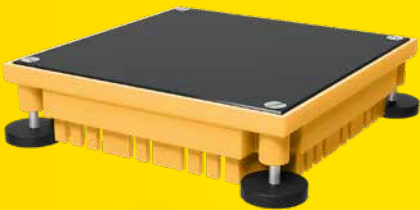
SitaRetention Twist small without dome grate, made of polyamide (base plate) and PE (ventilation pipe), with scaled stainless steel adjustment slide for controlled drainage of very small quantities of rainwater and longer retention on green roofs, for installation in roof outlets of the SitaStandard, SitaIndra or SitaTrendy series. The ventilation pipe can be individually shortened on site, including sealing rings made of EPDM, for installation with the SitaRetention green roof shaft, supply and install to professional standards.

Technical drawing



For model/series	a (mm)	b (mm)	c (mm)	d (mm)	Article number
SitaStandard, SitaIndra	75	92	196	50	40 93 02
SitaTrendy	40	57	153	48	40 93 04

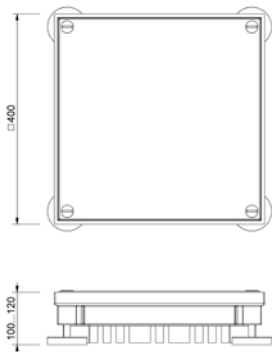
SitaRetention green roof shaft



Tender text

SitaRetention green roof shaft, made of polyurethane, 400 mm x 400 mm, with a closed cover made of PE and EPDM and four height-adjustable rubber feet. Load rating class H 1.5. Supply and install to professional standards.

Technical drawing



Execution	Height adjustment min. (mm)	Height setting, max. (mm)	Article number
for retention roofs	100	120	23 30 40

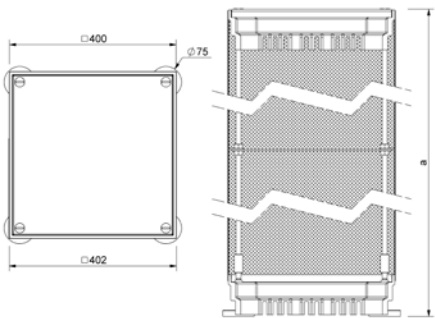
SitaRetention green roof shaft for intensive greenery



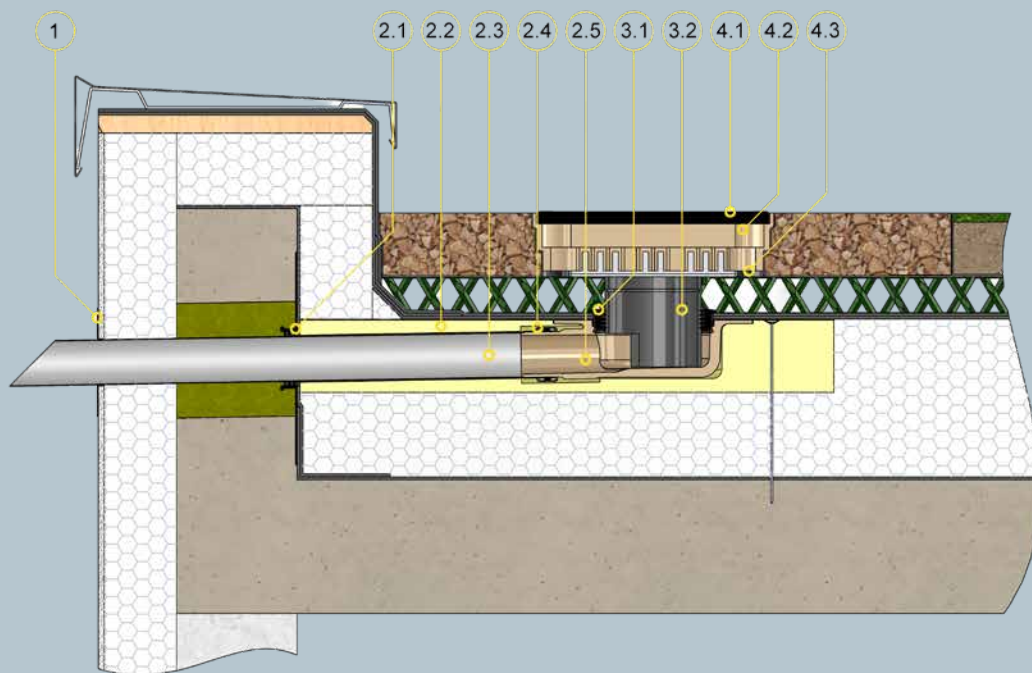
Tender text

SitaRetention green roof shaft for intensive greening, made of PUR with closed cover made of PE and EPDM, 400 mm x 400 mm, perforated aluminium frame, for height adjustment up to 600 mm, can be shortened on site to 230 mm, special heights up to max. 1,100 mm available, with four continuously height-adjustable rubber feet, delivery and professional installation included.

Technical drawing



Execution	Height	Article number
for intensive greenery	600	23 40 40
	1100	23 40 99



Components

- 1** SitaAttika cladding cover plate

SitaIndra without dome grate consisting of:

- 2.1** Vapour barrier plate flex
- 2.2** Stainless steel pipe
- 2.3** Insulating body
- 2.4** Stainless Steel safety clamp
- 2.5** Base body with connection sleeve of choice

SitaMore retaining ring consisting of:

- 3.1** Sealing ring
- 3.2** Base body

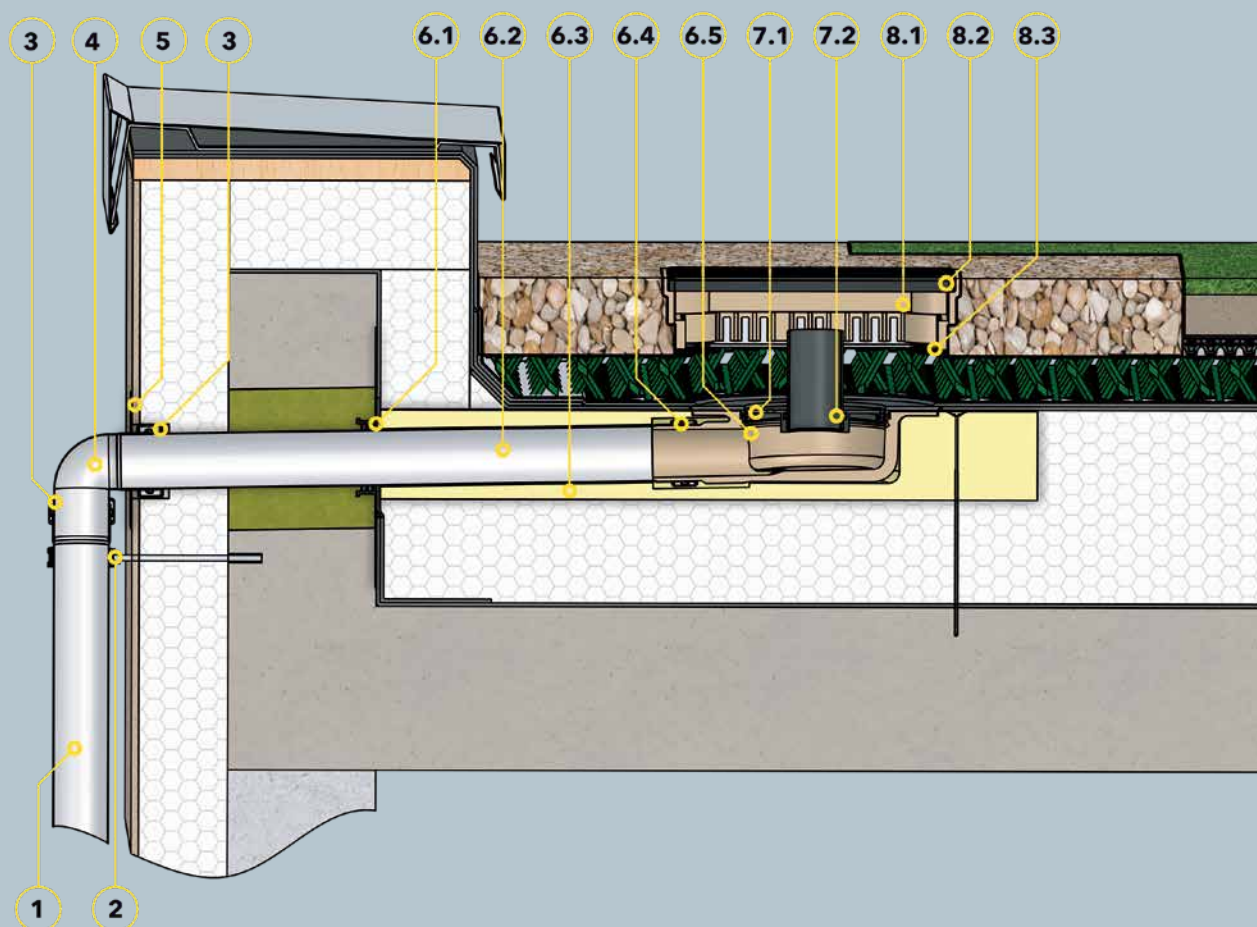
SitaRetention green roof shaft consisting of:

- 4.1** Closed cover
- 4.2** Base body
- 4.3** Height-adjustable rubber feet

Roof structure

Retention roof in a non-ventilated roof structure according to the general rules of engineering with:

- + Retention structure and roof structure according to system supplier
- + Sealing
- + Thermal insulation
- + Vapour barrier
- + Substructure



Components

- 1 SitaPipe Stainless Steel pipe
- 2 SitaPipe Stainless Steel pipe clamp
- 3 SitaPipe Stainless Steel safety clamp
- 4 SitaPipe Stainless Steel bend 87.5°
- 5 SitaAttika cladding cover plate

SitaIndra without dome grate consisting of:

- 6.1 SitaMore vapour barrier plate flex
- 6.2 SitaPipe Stainless Steel pipe
- 6.3 SitaIndra insulating body
- 6.4 SitaPipe Stainless Steel safety clamp
- 6.5 SitaIndra base body

SitaRetention Fix consisting of:

- 7.1 Base plate with fastening ring
- 7.2 Ventilation pipe

SitaRetention green roof shaft consisting of:

- 8.1 Base body
- 8.2 Closed cover
- 8.3 Height-adjustable rubber feet

Roof structure

Retention roof in non-ventilated roof structure to the general rules of engineering with:

- + Retention structure and roof greenery according to system supplier
- + Sealing
- + Thermal insulation
- + Vapour barrier
- + Substructure