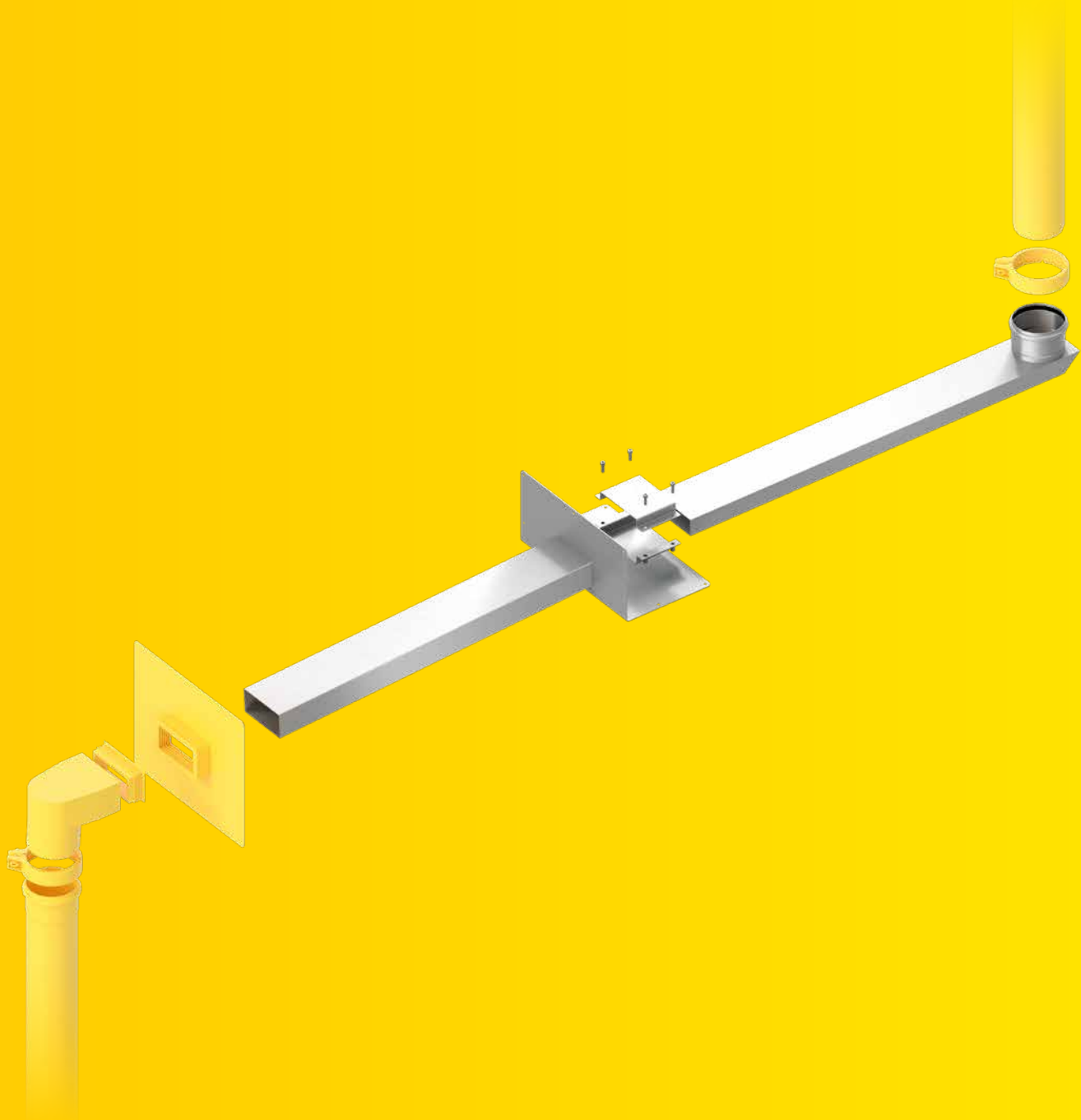


SitaKaskade Flat

Flat. High performance. Systematic.

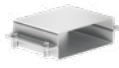


SitaKaskade
Flat

- + For safe cascade drainage below the slab paving
- + Compatible with the SitaPipe stainless steel pipe system
- + Integrated coupler for easy and reliable connection of the downpipe
- + With adhesive flange for liquid applied waterproofing
- + As waterspout or in combination with the SitaTurbo adapters



SitaKaskade Flat
Bend



SitaKaskade Flat
Connector



SitaKaskade Flat
Downpipe holder



SitaKaskade Flat
Flat channel



SitaKaskade Flat
Parapet lead-through



SitaTurbo
Adapter on SitaPipe
stainless steel pipe



SitaTurbo
Adapter to round
zinc pipe according
to DIN EN 612



SitaTurbo
Adapter to rectangular
zinc pipe



SitaTurbo
Vapour barrier plate



SitaTurbo
Cladding cover
plate 220 x 180

SitaKaskade Flat

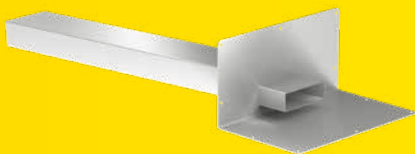
Product features at a glance:

Product features

Applications	For main and emergency drainage as standard-conformant cascade drainage
Material	Rust-free stainless steel
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.

SitaKaskade Flat

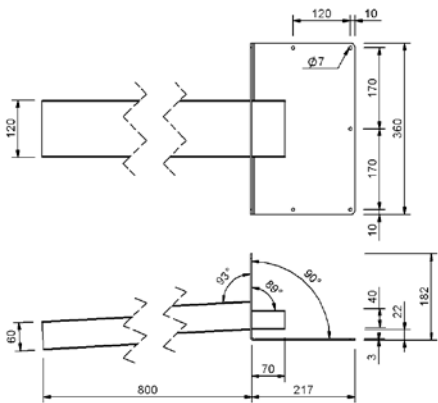
Parapet lead-through



Tender text

SitaKaskade Flat parapet lead-through, made of rust-proof stainless steel, material number 1.4301, pipe cross-section of inlet pipe 120 x 40 mm, outlet pipe 120 x 60 mm, inclination 3°, welded and angled flange for sealing with liquid applied waterproofing and pre-drilled holes for fixing to the parapet, for use as waterspout or for connection to downpipes with the SitaTurbo adapters, supply and install to professional standards.

Technical drawing



SitaKaskade
Flat

Article number
33 04 00

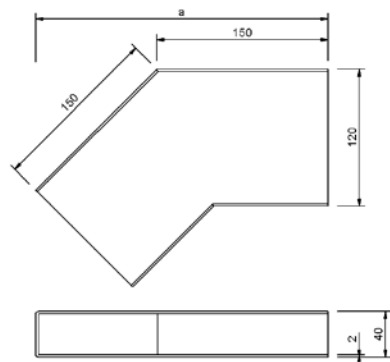
SitaKaskade Flat Bend



Tender text

SitaKaskade Flat bend, made of rust-proof stainless steel, material number 1.4301, pipe cross-section 120 x 40 mm, to divert the flow, supply and install to professional standards.

Technical drawing



Execution	a (mm)	Article number
45°	256	33 04 06
15°	295	33 04 07

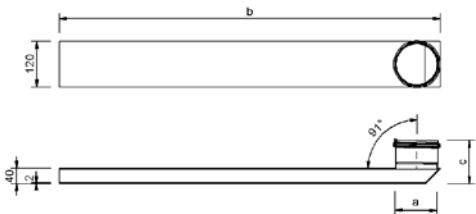
SitaKaskade Flat Downpipe holder



Tender text

SitaKaskade Flat downpipe holder, made of rust-proof stainless steel, material number 1.4301, pipe cross-section 120 x 40 mm, length 1 m or 2 m with welded coupler to hold a SitaPipe stainless steel pipe DN 70 or DN 100, supply and install to professional standards.

Technical drawing



DN	OD*	a (mm)	b (mm)	c (mm)	Article number
70	75	75	1000	106	33 04 04
100	110	110		114	33 04 05
70	75	75	2000	106	33 04 08
100	110	110		114	33 04 09

* OD = Outer diameter (mm)

SitaKaskade Flat

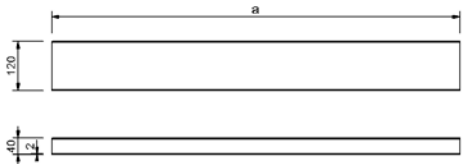
Flat channel



Tender text

SitaKaskade Flat flat channel, made of rust-proof stainless steel, material number 1.4301, pipe cross-section 120 x 40 mm, for spanning longer horizontal flow distances, supply and install to professional standards.

Technical drawing



a (mm)	Article number
2000	33 04 01
1000	33 04 02

SitaKaskade Flat Connector

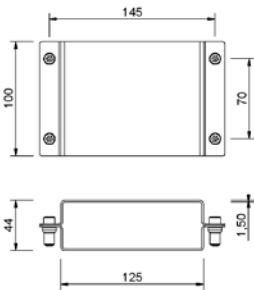


Tender text

SitaKaskade Flat connector, made of rust-proof stainless steel, material number 1.4301, for force-locking and pressure-proof connection of two pipe ends with cross-section 120 x 40 mm, including screw set, supply and install to professional standards.

A universal adhesive and sealant suitable for stainless steel to create a pressure-stable connection must be provided by the customer.

Technical drawing



Article number
33 04 03

SitaTurbo

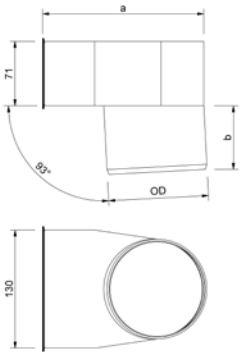
Adapter on SitaPipe stainless steel pipe



Tender text

SitaTurbo transition piece to SitaPipe stainless steel pipe, made of rust-proof stainless steel, material number: 1.4301, for transition from the SitaTurbo parapet outlet to a SitaPipe stainless steel pipe according to DIN EN 1122-2, in sizes DN 50, DN 70, DN 100 and DN 125, with lubricant and sealing ring, supply and install to professional standards.

Technical drawing



DN	OD*	a (mm)	b (mm)	Article number
50	50	115	52	18 91 01
70	75	140	58	18 91 03
100	110	175	70	18 91 05
125	125	190		18 91 07

* OD = Outer diameter (mm)

SitaTurbo

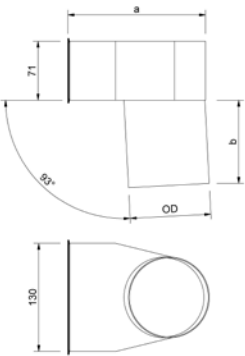
Adapter to round zinc pipe according to DIN EN 612



Tender text

SitaTurbo transition piece to round zinc pipe, made of stainless steel, material number: 1.4301, for transition from the SitaTurbo parapet outlet to a round zinc pipe according to DIN EN 612, in sizes DN 80, DN 100 and DN 125, with lubricant and sealing ring, supply and install to professional standards.

Technical drawing



DN	OD*	a (mm)	b (mm)	Article number
70	75	140	58	18 91 16
80	77	143	100	18 91 08
100	97	163		18 91 09
125	117	183		18 91 10

* OD = Outer diameter (mm)

SitaTurbo

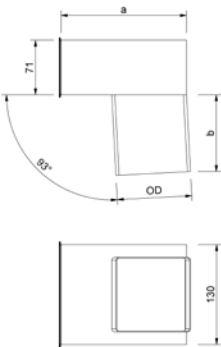
Adapter to rectangular zinc pipe



Tender text

SitaTurbo transition piece to rectangular pipe, made of stainless steel, material number: 1.4301, for transition from the SitaTurbo parapet outlet to a rectangular zinc pipe according to DIN EN 612, with external dimensions 77 mm x 77 mm, 97 mm x 97 mm and 117 mm x 117 mm, with lubricant and sealing ring, supply and install to professional standards.

Technical drawing



Measurement (mm)	a (mm)	b (mm)	Article number
77	142	100	18 91 11
97	163		18 91 12
117	183		18 91 13

SitaTurbo

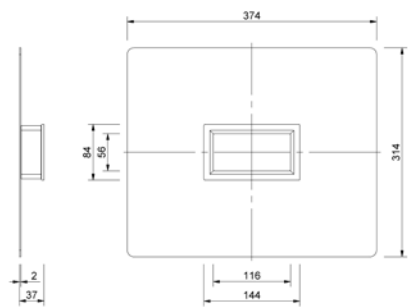
Vapour barrier plate



Tender text

SitaTurbo vapour barrier plate flex, made of EPDM, for SitaTurbo parapet outlet, with reinforcement ring and adhesive flange for a flexible vapour-tight connection of the vapour barrier, supply and install to professional standards.

Technical drawing



Measurement (mm)	Article number
374 x 314	18 61 90

SitaTurbo

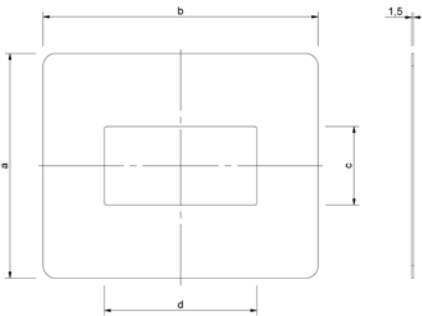
Cladding cover plate



Tender text

SitaTurbo cladding cover plate, made of rust-proof stainless steel, material number 1.4301, to cover the parapet or wall opening for the SitaTurbo parapet outlet with a material thickness of 1.5 mm. For fastening on the external cladding, supply and install to professional standards.

Technical drawing

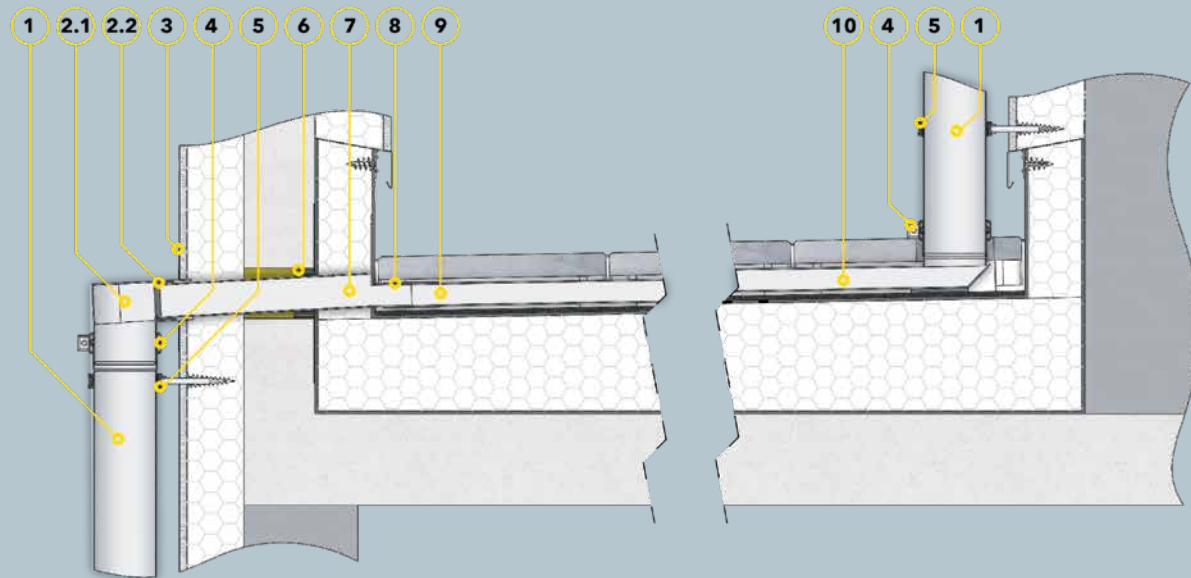


Compatibility	a (mm)	b (mm)	c (mm)	d (mm)	Article number
SitaTurbo, SitaTurbo Max, SitaTurbo Max with retaining ring, SitaKaskade Flat parapet lead-throughg	180	220	63	122	E 18 90 24
	250	250			E 18 90 21
SitaTurbo adapter	180	220	74	133	E 18 90 44*

* for SitaTurbo adapter, hole size 130 x 74 mm

SitaKaskade Flat

SitaKaskade Flat in a non-ventilated roof structure, with a used roof surface



SitaKaskade
Flat

Components

1 SitaPipe stainless steel pipe

SitaTurbo transition piece to SitaPipe stainless steel pipe consisting of:

2.1 Transition piece

2.2 Sealing ring

3 SitaTurbo cladding cover plate

4 SitaPipe stainless steel safety clamp

5 SitaPipe stainless steel pipe clamp

6 SitaTurbo vapour barrier plate

7 SitaKaskade Flat parapet lead-through

8 SitaKaskade Flat connector

9 SitaKaskade Flat flat channel

10 SitaKaskade Flat downpipe holder

Roof structure

Non-ventilated roof structure with slab paving on support pads to the general rules of engineering with:

- + Slab paving on support pads
- + Protective mat
- + Sealing
- + Thermal insulation
- + Vapour barrier
- + Substructure