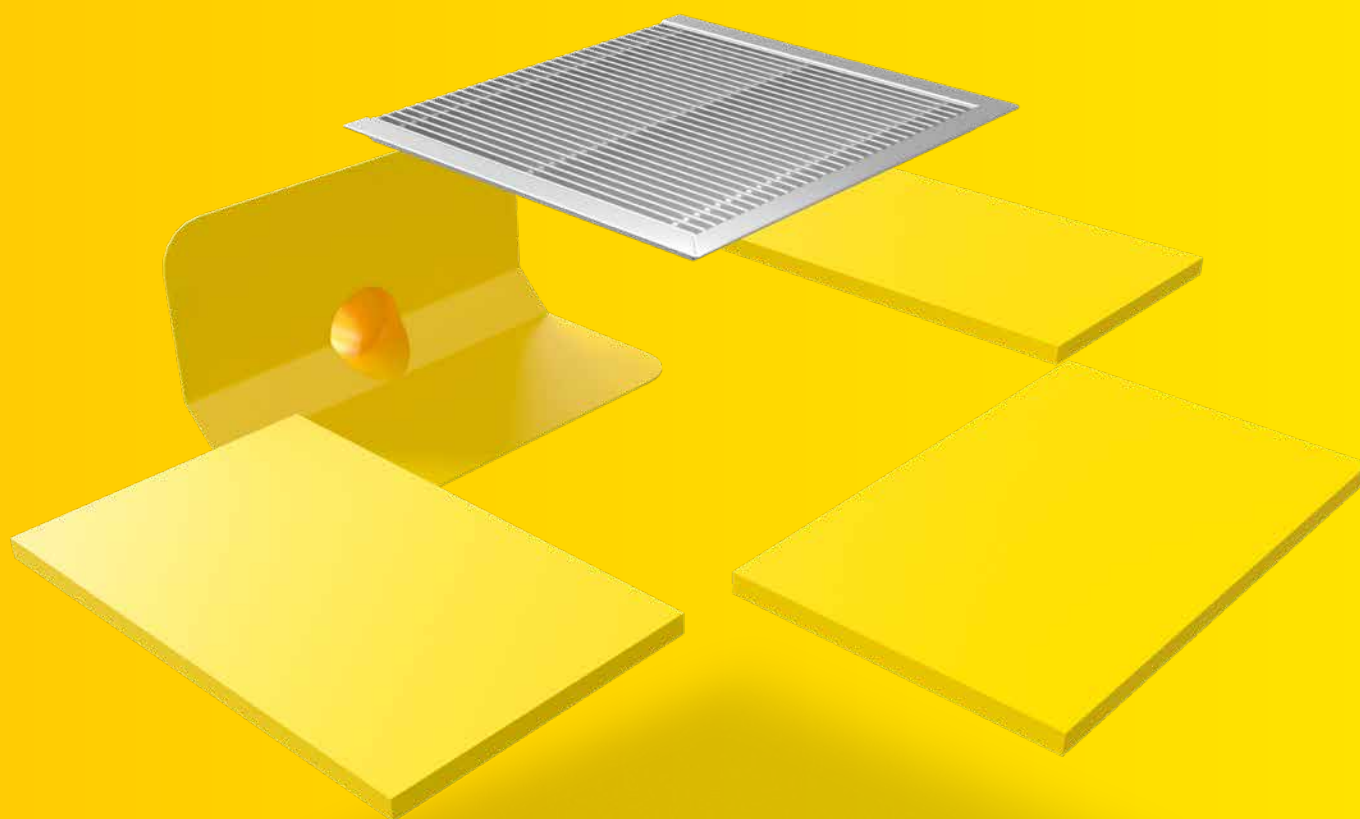


## SitaDrain® profile frame

Visually attractive. Easy to lay.

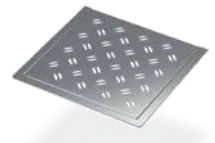


SitaDrain®  
profile frame

- + The profile frame means it can also be used with insulation wedges in the parapet area
- + Large height differences can be bridged
- + Ideal supplement to roof or balcony outlet
- + Rust-proof stainless steel or galvanised steel
- + Sits directly on the slab paving
- + Available with different grating designs



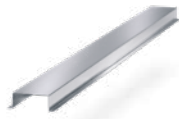
**SitaDrain® profile frame**  
galvanised steel



**SitaDrain® profile frame**  
stainless steel



**SitaDrain®**  
gravel strip



**SitaDrain®**  
junction channel

# SitaDrain® profile frame

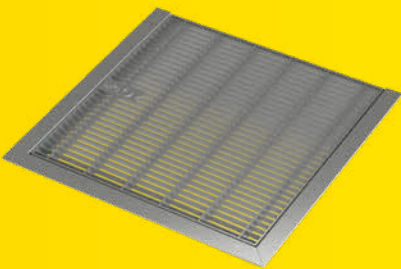
## Product features at a glance:

### Product features

---

|                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|----------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Applications   | For draining rainwater and supplementing the drainage systems on balconies and patios                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Material       | Galvanised steel   stainless steel                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Material class | Euroclass A1 /A1 non-flammable                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Properties     | <ul style="list-style-type: none"><li>+ Not sensitive to the weather (UV/IR radiation, rain/snow, temperature, ozone, etc.)</li><li>+ Impact and shock resistant</li><li>+ Durable</li></ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Workmanship    | <p>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.</p> |

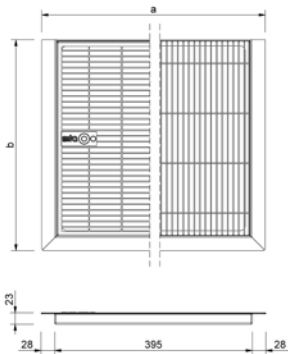
# SitaDrain® profile frame galvanised steel



## Tender text

SitaDrain® profile frame with grate insert for parapet outlets, made of galvanised steel, load rating class K3 according to DIN EN 1253-2, can be travelled over in a wheelchair, cut-out dimensions 400 mm x 400 mm, with surrounding profile frame to hold the grate and supported on three sides on the slab paving, supply and install to professional standards.

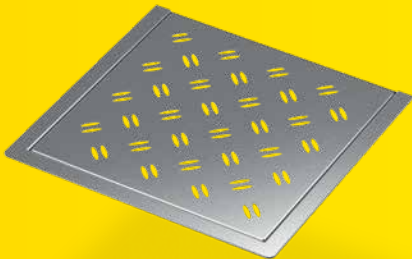
## Technical drawing



| Execution                | a<br>(mm) | b<br>(mm) | Article number |
|--------------------------|-----------|-----------|----------------|
| grating                  | 450       | 425       | 20 40 40 34    |
| longitudinal bar grating |           |           | 20 40 40 35    |

| Grate designs |  |                          |  |
|---------------|--|--------------------------|--|
| grating       |  | longitudinal bar grating |  |

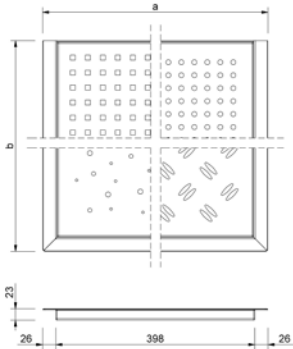
# SitaDrain® profile frame stainless steel



## Tender text

SitaDrain® profile frame with grate insert, made of rust-proof stainless steel, material number 1.4301, load rating class K3 according to DIN EN 1253-2, can be travelled over in a wheelchair, cut-out dimensions 400 mm x 400 mm, with surrounding profile frame to hold the grate and supported on three sides on the slab paving, supply and install to professional standards.

## Technical drawing



| Execution                 | a<br>(mm) | b<br>(mm) | Article number |
|---------------------------|-----------|-----------|----------------|
| circular design grating   | 450       | 425       | 25 40 40 30    |
| square design grating     |           |           | 25 40 40 31    |
| elliptical design grating |           |           | 25 40 40 32    |
| bubble design grating     |           |           | 25 40 40 33    |
| grating                   |           |           | 25 40 40 34    |
| longitudinal bar grating  |           |           | 25 40 40 35    |

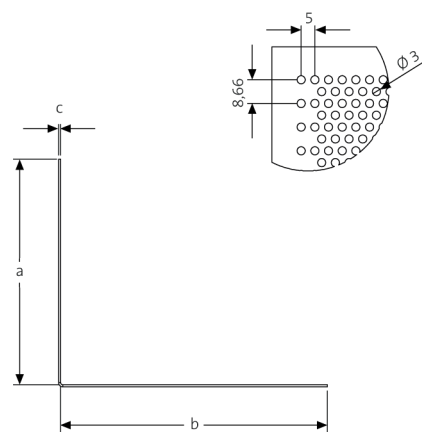
| Grate designs            |  |                         |  |                           |  |
|--------------------------|--|-------------------------|--|---------------------------|--|
| grating                  |  | circular design grating |  | elliptical design grating |  |
| longitudinal bar grating |  | square design grating   |  | bubble design grating     |  |



Tender text

SitaDrain® gravel strip, made of perforated aluminium sheet, with one bend, wraparound unperforated edge, in sizes 70 mm x 90 mm, 110 mm x 130 mm and 145 mm x 165 mm. 1000 mm long, resting against the frame of the SitaDrain®, supply and install to professional standards.

Technical drawing



| a<br>(mm) | b<br>(mm) | c<br>(mm) | Article number |
|-----------|-----------|-----------|----------------|
| 70        | 90        | 1         | E 21 10 02     |
| 110       | 130       |           | 21 10 98       |
| 145       | 165       |           | 21 10 99       |

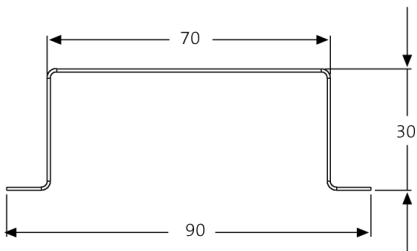
# SitaDrain® junction channel



## Tender text

SitaDrain® junction channel, made of continuously galvanised steel plate, 30 mm x 70 mm x 1000 mm, with folded coating, for transferring the rainwater from the drainage grate to the outlet, e.g. in a gravel bed, supply and install to professional standards.

## Technical drawing

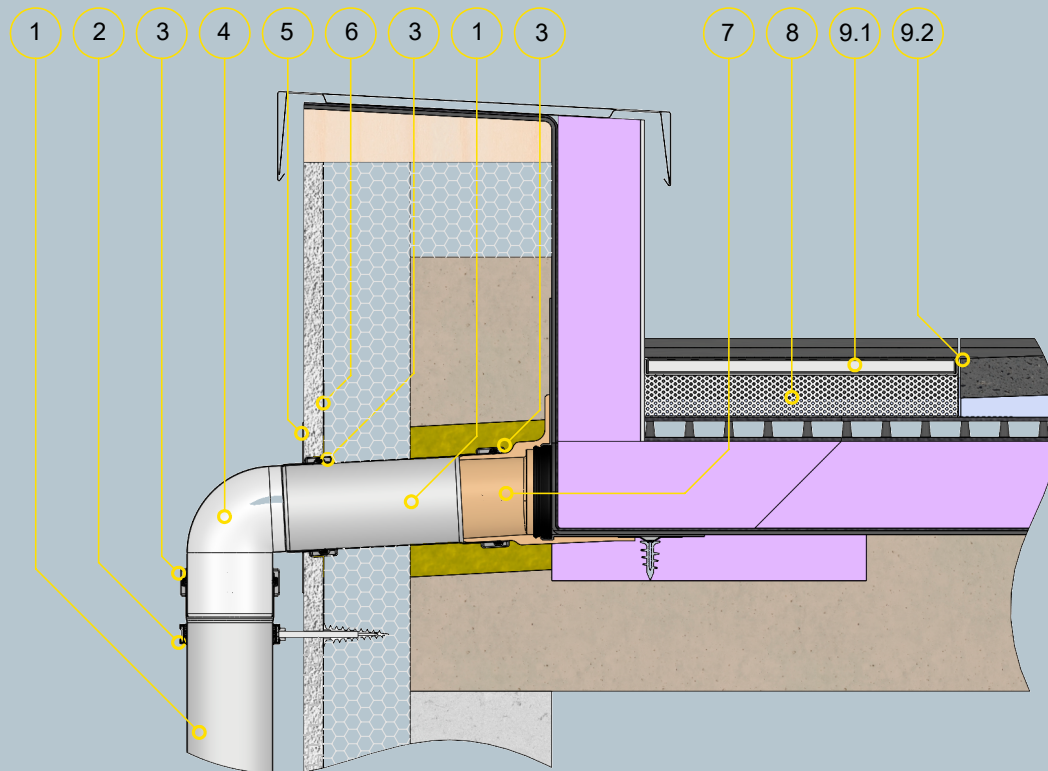


SitaDrain®  
profile frame

| Article number |
|----------------|
| E 20 90 00     |

# SitaDrain® profile frame

SitaDrain® profile frame with SitaEasy for main drainage in an inverted roof



SitaDrain®  
profile frame

## Components

- 1 SitaPipe Edelstahl pipe
- 2 SitaPipe Edelstahl pipe clamp
- 3 SitaPipe Edelstahl safety clamp
- 4 SitaPipe Edelstahl bend
- 5 SitaAttika cladding cover plate
- 6 SitaMore sealing sleeve for WDVS
- 7 SitaEasy
- 8 SitaDrain® gravel strip

SitaDrain® profile frame consisting of:

- 9.1 Profile frame
- 9.2 Inspection grate

## Roof structure

Inverted roof structure to the general rules of engineering with:

- + Slab paving
- + Grit or gravel bed
- + Filter fabric
- + Drainage mat
- + XPS thermal insulation
- + Protective mat
- + Waterproof membrane
- + Substructure