

# PRODUCT DATA SHEET

## DRAINTEC – ALUMINIUM DRAINAGE GRATE

### PRODUCT DESCRIPTION

The DrainTec aluminium drainage grate is used for **controlled water drainage**.

The DrainTec drainage grate focuses mainly on the connection detail of building openings. This refers to door connection areas, or **transitions from vertical façade surfaces to horizontal terrace surfaces**, for example. The wood preservation standard DIN 68800-2:2012 and the flat roof directive were taken into account in its development.

Thanks to its special geometry, it is able to “catch” precipitation. This causes the **water to be channelled directly** to the seal or the gutter, without exposing the door element or the façade cladding to reflected water (backspray). Heavy rain is drained in a controlled manner. Thanks to the flat geometry (21 x 140 mm), **combination with standard terrace decking boards** or porcelain stoneware slabs is possible. Furthermore, the assembly height prescribed by the standard can be reduced to a height of 0.05 m.



### ADVANTAGES

- Can be combined with the Eurotec product range to create elevated deck areas
- As an inspection and cleaning fitting
- Even for low door-joint heights
- For creating barrier-free, wheelchair-friendly transitions
- Also suitable for direct mounting on load-bearing foundations

### MATERIAL

- Aluminium

### IMAGES OF APPLICATIONS



**Without DrainTec** the reflected rainwater splashes onto the door element or façade cladding.



**With DrainTec** the rain is drained off in a controlled manner and the rainwater flows directly into the foundation.

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### PRODUCT TABLE

Art.-No.	Product description	Dimensions <sup>0)</sup> [mm]	Material	PU
975634	DrainTec – Aluminium drainage grate	4000 x 140 x 21	Aluminium	10

<sup>0)</sup>Length x width x height

### MAXI. SUPPORT DISTANCES

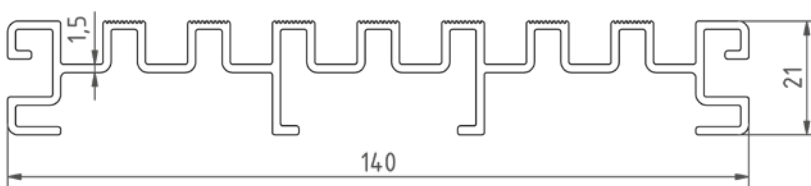
Load capacity kN/m <sup>2</sup>	Support distances [mm] of the substructure
2,0	600
4,0	500
5,0	400

The DrainTec drainage grating has the property of generating a maximum water flow rate of 12 litres per second and running metre.

$l/(s \times m)$  = litres per second and metre

The term flow rate refers to the volume of water that flows through the DrainTec drainage grating per unit of time of a defined cross-section/long hole.

### DRAWING



Side view

If you are not familiar with how this product is used, and particularly with the product's intended use, please contact our Application Technology department ([technik@eurotec.team](mailto:technik@eurotec.team)).