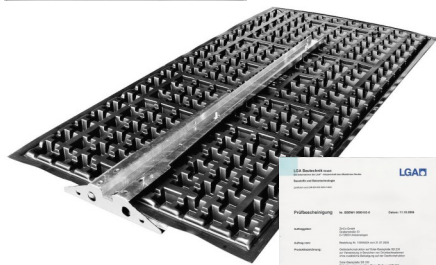


Product Data Sheet

Guardrail Base GB / GB Corner

Order No. 3420 / 3445 / 3446



Construction Base for Railing Systems without any roof penetration (additional supports for Fallnet® SB 200-Rail available upon request) for flat roofs and roof terraces. Installed with superimposed load, e.g. concrete slabs on a bedding layer or other bulk material (gravel, green roof substrate, etc.).

Features

- for easy installation of railing solutions without penetrations
- green roof build-up, gravel or walkways provide the necessary ballast
- Designed according to EN 1991-1-1 for horizontal forces up to 1 kN/m
- all-purpose for posts with a fixing flange (hole distance 100 x 75 mm)
- standard solution for 90°-corner
- bedding layer of stone chippings below paving slabs at least 50 mm above the base plate
- can be combined with the fixing device Fallnet® SB 200-Rail

Technical Data

Guardrail Base GB*

Made of profiled ABS (Acrylonitrile Butadiene Styrene) plastic with integrated aluminium profiles on the underside and a post support profile with a fixing flange made of steel galvanized according to DAST Directive 022. Designed according to EN 1991-1-1 for horizontal forces up to 1 kN/m.

Base plate:

Length x Width:

ca. 2.0 x 1.0 m

Height:

ca. 43 mm

Filling volume:

ca. 16 l/m²

Compressive strength at 10 % compression:

ca. 250 kN/m²

Post support and fixing flange:

Material:

steel, galvanized according to DAST-022

Length:

ca. 1470 mm

Height:

ca. 35 mm from the top of the base plate

Fixing flange:

four long holes for bolts M 10, hole distance 100 x 75 mm

Total height (Base plate + Post support):

ca. 78 mm

Total weight:

ca. 13 kg

Guardrail Base GB Corner

Order No. 3445 (left)

Order No. 3446 (right)

as above described, but with two additional short post supports at the long side with a distance of ca. 1.0 m between them.

Total weight:

ca. 16 kg

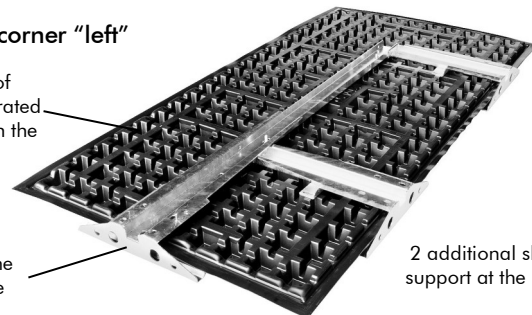
*Additional supports for Fallnet® SB 200-Rail available upon request.

The Guardrail Base for 90° corner

The figure shows GB corner "left"

Base plate made of ABS-plastic with integrated aluminium profiles on the underside

Post support with the fixing flange at the narrow side



2 additional short post support at the long side

Specification Suggestion

Constructional base made of profiled ABS plastic for railing solutions free of penetrations, length x width ca. 2 x 1 m, height base plate ca. 43 mm, with integrated aluminium profiles on the underside and a post support with a fixing flange made of galvanized steel at the narrow side for the insertion of 4 screws M 10 at a distance of 100 mm x 75 mm, height of support flange for screws about 35 mm above base, designed according to EN 1991-1-1 for horizontal forces up to 1 kN/m by applying a superimposed load of minimum 200 kg/m², deliver and install at intervals of m,

including filling of the base plate with gravel or chippings (grain size max. 8/16 mm), demand ca. 16 l/m². For paving slabs the bedding layer of stone chippings needs to be applied at least 50 mm above the base plate, to make sure that the flange is covered with ca. 15 mm of stone chippings. (If required, the number of Guardrail Base plates GB Corner has to be declared).

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