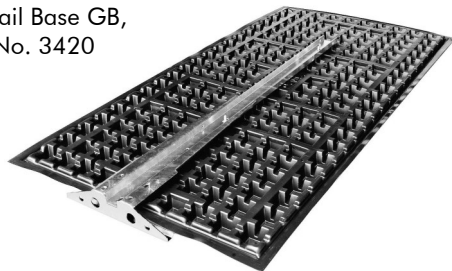


Installation Instructions for ZinCo Guardrail Base GB

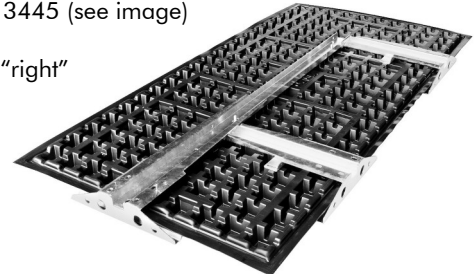
Scope of delivery:

Guardrail Base GB,
Order No. 3420



Guardrail Base GB corner "left"
Order No. 3445 (see image)

GB corner "right"
3446

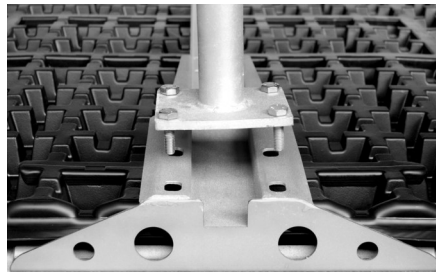


Steps of installation for Guardrail Base GB:

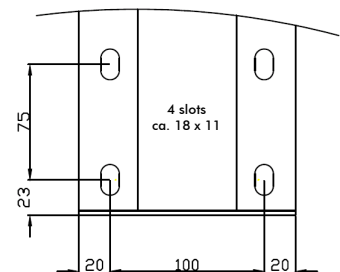
① Laying of the Guardrail Base GB and assembling of the rail.



Measuring and installation
of the Guardrail Base GB, as well ...



... as assembling of the rail



Hole forming of the screw flange of the
Guardrail Base GB

Measuring and installation of the Guardrail Base according to planning documents. Please note given distance of the railing post. If a full drainage is required and the distance of the railing post is > 1.0 m, then the space between has to be properly formed (such as ZinCo Floradrain® FD 40).

The assembling of the rail will be accomplished through a bolt connection with suitable counter flange. Fixing device (M10 screws, washers and self locking nuts) should be made of stainless steel. The washer is to be placed underside at the slotted hole. The material temperature should be over $+5^{\circ}$ C during installation of the system. Assembling of the rail has to be done according manufacturer's instructions!

② Application of the required load

The required load in the adjacent table is for the Guardrail Bases GB, depending on the required horizontal force (h) and distance of posts (s). If the wind load is larger than the required capping so you have to use it for calculation of the required load. Before applying the required load we recommend to check the position of the rail.

Note:

In principle the guard rail base is to be infilled with chippings or gravel until the upper edge of the base plate (approx. 43 mm). This corresponds to a load of 25 kg/m^2 for a filling volume of 15–16 l/m. The load can be applied as a paving in a bedding of at 50 mm of

stone chippings, as a corresponding green roof build-up, gravel or another equivalent bulk material.

required load in kg/m^2

		horizontal force h (kN)		
		1.0	0.5	0.3
s (m)	1.00	200	100	60
	1.25	250	125	75
	1.50		150	90

The dry weight of the build-up is decisive.

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