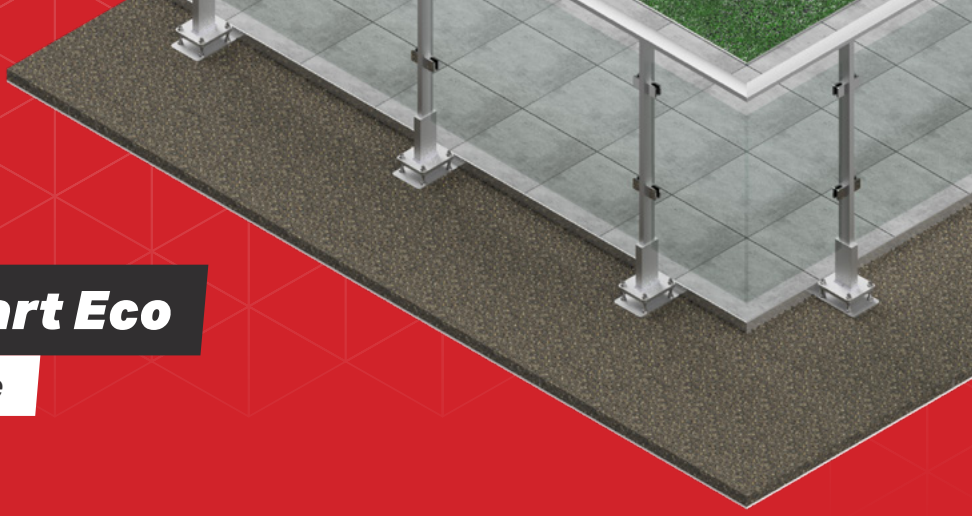


Guardrail AluSmart Eco

Guardrail according to Eurocode

Technical specifications	
Material	Aluminium
Handrail	70 x 30 mm
Length of the outrigger and load-bearing plates	2000 mm
System height between the bottom edge of the substructure and the top edge of the handrail	max. 1300 mm

Installation	
Horizontal payload according to Eurocode DIN EN 1991-1-1/NA	1,0 kN/m
Roof inclination	max. 5°
Fastening	Load-bearing
Dry weight	min. 102 kg/m2
Distance between the handrail and the guardrail infill (partial guardrail infill)	100 mm
Vertical distance between the top edge of the handrail and the top edge of the flooring	1100 mm
Permissible clearance in the guardrail infill	max. 120 mm
Difference in height between the highest and lowest points along the guardrail Otherwise, the substructures must be adapted on site, e.g., by adding foundations	max. 100 mm
Distance between the top edge of the flooring and the bottom edge of the infill So that no additional toe board is required	< 60 mm
Usage in the context of escape routes Overlaying of wind and spar loads in accordance with MVV-TBF	possible
Wind zone, terrain category, and building height According to the client's project specifications	max. 40 m

Version	Infill	Installation
Glas infill	LSG clear / matte / white glass (matte)	between the posts
Vertical bar infill	Infill bars round, Ø 15 mm	in front of the posts
Sheet metal infill	Perforated sheet metal / sheet metal	between the posts