
General

Protect bare edges against corrosion.

Technical data

Specification	Norm	Unit	Value
Steel Cover Layer		mm	0,30
Weight, thickness 2 mm		kg/m ²	6,3
Weight, thickness 3 mm		kg/m ²	6,6
Weight tolerance		g/m ²	±200

Technological values

Alloy / cover plate condition	unalloyed steel, galvanized
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Core

Material	PE-LD Recycling
Density	g/cm ³ 0,95 – 0,96

Surface

Lacquering	Modified polyester lacquer system
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Hardness (pencil hardness)	H
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Gloss level matt panel side (Measuring angle 60°)	ISO 2813	20 to 40 (±10)
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Coat thickness polyester lacquer	µm	20(±2)
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Material topcoat and backcoat	Polyester
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Technical data

Specification	Norm	Unit	Value
Tolerance levels			
Length tolerance	DIN 16927/ISO11833-1	mm	-0/+2
Width tolerance	DIN 16927/ISO11833-1	mm	-0/+2
Thickness tolerance	DIN 16927/ISO11833-1	mm	±0,15
Diagonal tolerance	DIN 16927/ISO11833-1	mm	3
Mechanical properties			
Flexural rigidity E*I		kNcm ² /m	2700
Modulus of elasticity in flexure		Mpa	25000
Thermal transmittance (U)		W/m ² K	5,61
Temperature resistance			-50°C to +85°C
Coefficient of linear expansion		mm/m	1,8 at 100°C temperature difference

Note:

All other specifications are valid for every thickness. You may obtain a warranty certificate from your contact partner in the Pirmasens facility.
