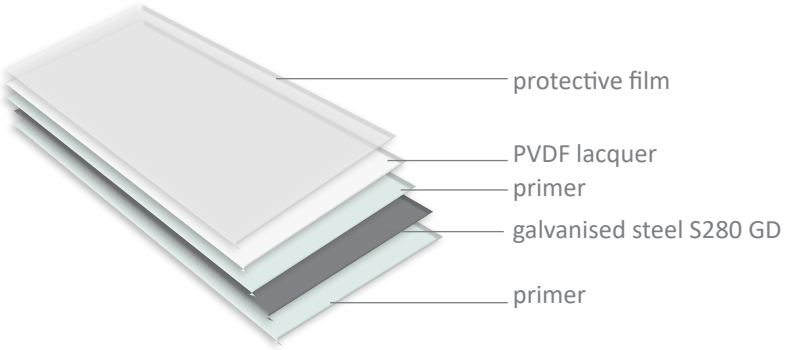
Sheet with a PVDF 35µm lacquer

GSP-1203-E/B

The lacquered sheet is composed of a galvanized steel sheet on which is applied a 35 micron PVDF specific lacquer.

This PVDF lacquer allows
- increase protection against the corrosion,
- a good protection to UV and corrosive products,
- an easy cleaning.



Characteristics

The support is in hot galvanized Z225 steel S280 GD (225g/m² *0.05 lb/ft²* of zinc for the 2 sides) or similar.

The sheet is coated with (according to the standards XP P 34-301 and EN 10169) :
on the external face :
• a painting system of total thickness 35 µm *(1.4 mil)* consists of a fixing primer and a PVDF finishing (polyvinyle difluor)
• protective film to remove after assembly

On inside face (insulating side) :
• fixing primer from 5 to 7 µm *(0.2 to 0.3 mil)*.

Thickness : 0,6 mm *0.02''*

Finishing : smooth

Colour: Iceberg white (close to RAL 9010)

Recommendation

Inside

This sheet, rating IVb, is recommended for inside environment until Ai4, (environment weakly aggressive, with intensive cleaning, for a high degree of humidity with risk of condensation, and temperatures until 30°C *(303 K)*).

Outside

This sheet, rating IV, is recommended for outside environment of rural type or no polluted, urban or industrial or more marine to a distance superior to 3 km *(1.9 mi)* from the sea.

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Characteristics	Testing standards and conditions	PVDF lacquer 35 µm
Category	XP P 34-301	IVb
Gloss	ISO 2813 (ECCA-T2) incidence 60°	30 ± 6%
Shock resistance	ISO 6272 (ECCA-T5)	No loss of panel face adherence
Adherence by bending	ISO 1519 (ECCA-T7)	2t
Resistance to humidity	ISO 6270 (ECCA-T9)	≥ 1000 h
Resistance to neutral salt spray	ISO 7253 (ECCA-T8)	≥ 500 h
Chalk hardness	ISO 3270 (ECCA-T4)	HB
Adherence to panel face (grid pattern)	ISO 2409	
Panel face resistance to heat	ISO 3270 (ECCA-T13)	100 h at 70°C ΔE ≤ 0,1
Resistance to abrasion	ISO 7784	30 mg
Reaction to fire	NF P 92-507	M0
Surface resistivity	ASTM D257	