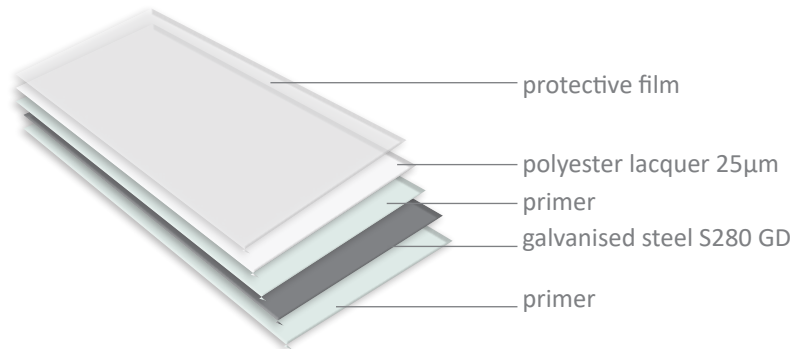# Polyester lacquer sheet 25µ

Powder-coated steel sheet facing is the standard coating of all Dagard's panels and doors.
• Easy to clean
• Good resistance to corrosion and to moisture

protective film

polyester lacquer 25µm

primer

galvanised steel S280 GD

primer

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 :
 • paint of average thickness 25 µm *(1 mil)*, consists in fixing primer (5 µm *(0.2 mil)*) with a finish in baked polyester powder coating (20 µm *(0.8 mil)*),
 • protective film to remove after assembly

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

Thicknesses : 0,5 mm *0.02''* - 0,6 mm *0.02''* - 0,8 mm *0.03''*

Finishing : smooth

Colour: Iceberg white (close to RAL 9010)

Recommendation

Inside

This sheet, rating IIIa, is recommended for inside environment until Ai3, (environment no aggressive, high humidity, with no intensive cleaning, and temperatures between -40°C *(233 K)* and 25°C *(298 K)*).

Outside

This sheet, rating III, is recommended for outside environment of rural type or unpolluted, urban or industrial or more, marine to a distance superior at 10 km *(6.2 mi)* from the sea.

Polyester lacquer sheet 25µ

Characteristics	Testing standards and conditions	Polyester lacquer 25 µm
Category	XP P 34-301	IIIa
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)	3t
Resistance to humidity	ISO 6270 (ECCA-T9)	≥ 1000 h
Resistance to neutral salt spray	ISO 7253 (ECCA-T8)	≥ 360 h
Chalk hardness	ISO 3270 (ECCA-T4)	H
Adherence to panel face (grid pattern)	ISO 2409	
Panel face resistance to heat	ISO 3270 (ECCA-T13)	100 h at 80°C $\Delta E \leq 0,1$
Resistance to abrasion	ISO 7784	40 mg
Reaction to fire	NF P 92-507	M0
Surface resistivity	ASTM D257	$10^{11}\ \Omega/\square$