

Frame Pre Painted Steel

Description: Pre Painted steel sheet with zinc aluminium galvanic coating AZ150, Pre painted with two coat system(primer and Regular Polyester paint) on the topside(25 microns total), and 10 microns of (primer and Regular Polyester paint) on the reverse.

Paint System to EN 10169:2010+A1:2012

Substrate Steel to EN 10346:2009 – S250 grade.

Applications: External usage on building frame in normal environments Free from heavy moisture or pollutants or other extremes.

Available thicknesses: (total coated thickness) 0.30mm to 1.2mm

Widths: 700>1350mm

Items	Test Method	Test Result					
		P9A092B	P7D333B	P6A992B	P9B982B	P4B142B	P5B633B
Glossmeter(60°)	EN 13523-2	25%	30%	22%	22%	26%	29%
Resistance to rapid deformation	EN 13523-5	10J (no loss adhesion)					
Adhesive after indentation (7.5mm)	EN 13523-6	100%					
T bend (no cracking) diameter	EN 13523-7	4T @ 16°C					
Scratch resistance	EN 13523-12	No Scratch >3,000g					
Abrasion resistance	EN 13523-16	Load 1,000g Δ Weight < 18mg					
Corrosion resistance – Salt Spray	EN 13523-8	1,000hrs, no blister					
Corrosion resistance – Humidity	EN 13523-25	1,000hrs, no blister					
Weather resistance – WOM (1000hrs)	ASTM D3361	Δ E: 1.5	Δ E: 0.8	Δ E: 1.5	Δ E: 1.3	Δ E: 1.3	Δ E: 1.6
Max continued operating temperature	EN 13523-3	80°C / 72hrs					
Minimum Temperature of Installed panel	N/A	-40°C					
Minimum forming temperature	EN 13523-7	16°C					