

POS-PVS PVC PLASTIC-SOL PAINTED STEEL

Properties

PVC(vinyl chloride) resin preserving properties of plastic gives outstanding weather resistance, chemical resistance, and corrosion resistance.

Elongation of paint layer reaches up to 300-400% without any crack under very severe processing conditions. Specially embossed surface enhances product features specific appearance and guarantees 20years of durability.

Applications

Exterior Material(Roofing, Wall)

Base Metal

GI (Hot-Dip Galvanized Steel) or ALZASTA(Hot-Dip 55% Al-Zn Alloy Coated Steel)

Performance	Thickness	Ave. 200 μ m	EN 13523-1
	Gloss (60°)	10~35%	EN 13523-2
	Emboss	Leather grain	
	Abrasion resistance (CS-10, 1kg, 250rev)	10~15mg	EN 13523-16
	T-Bend (0T, 16°C)	No crack	EN 13523-7
	Reverse impact	18J	EN 13523-5
	Ball impact resistance (1/2"×500g×50cm)	No crack	
	Coating hardness	Over 100 times	M.E.K(Methyl Ethyl Ketone) Rubbing Test
	Fire classification	Class 1	BS 476 : Part7 1987
	Corrosion resistance (Salt Spray Test)	1000 hours	
	Humidity resistance	1500 hours	
	UV resistance	QUV-A, 1000 hours RUV3 (color deviation < 3, gloss retention > 60%)	EN 10169
	Resistance to acids and bases	Good	

Guarantee

Up to 30 years

Refer to details

Guarantee details : POS-PVS

Items	Region	Colour	Roofs	Walls
Northern Europe	Inland	Class 1	25 Years	30 Years
		Class 2	20 Years	25 Years
	Coastal	Class 1	20 Years	25 Years
		Class 2	15 Years	20 Years
Southern Europe	Inland	Class 1	15 Years	15 Years
		Class 2	15 Years	10 Years
	Coastal	Class 1	8 Years	10 Years
		Class 2	8 Years	10 Years

* Coastal: ~ within 1mile of any coast,

* Class 1 : Light colors, Class 2 : Dark colors

* For more detail information, please refer to the each product warrant