

Standard Coat

Coat catalogue chart

INTENDED USE:	Regions with low atmosphere aggressiveness. Structures not exposed to excessive UV radiation.
Coat code	SP
Properties:	
Sheet gauge	0,50 mm
Metal coat	Zn225 – zinc 225 g/m ² (both sides) AlZn 150 – aluzinc 150 g/m ² (both sides) ZM100 – zinc-magnesium alloy 100g/m ² (both sides) Zn100 – zinc 100g/m ² (both sides) – used only on inner cladding
Organic coat	Modified thermosetting polyester coat - ground coat: 5 microns - prime coat: 20 microns
Mechanical strength:	
Coat adherence	≤ 2 T
Coat flexibility	≤ 3 T
Impact resistance	18J
Surface hardness (pencil classification)	HB-H
Scratch resistance (Clemen)	≥ 2,0 kg
Corrosion resistance:	
Salt spray test	360 hours
Humidity resistance - condensation (QCT)	1000 hours
Corrosion resistance class	RC3/RC2*
Chemical resistance:	
Acid and alkali resistance	Good
Solvent resistance:	
Aliphatic compounds and alcohols	Very good
Ketones	Low
Aromatic compounds	Good to very good
Mineral oil resistance	Very good
Ammonia resistance	Low
Resistance in contact with household products	Very good
UV resistance:	
QUV test (UVA + H2O) (2,000 hours)	ΔE ≤ 5; gloss retention ≥ 30%
UV resistance class	RUV2
Appearance:	
Surface finish	Smooth
Gloss (Gardner 60°)	30 GU
Colours:	
STANDARD 1	9010 9002
STANDARD 2	7035 9006
Other	To be agreed with the manufacturer
Other features:	Designed for long-term application in moderately aggressive environments with corrosivity category C1-C3 - for most applications in Europe

* The RC2 corrosion resistance class refers to standard corrosion protection used only on internal cladding. Higher corrosion resistance category on special order.