

HDS Coat

Coat catalogue chart

INTENDED USE:	Regions with increased environmental corrosivity. Regions with increased level of UV radiation (above 900 metres above sea level).
Coat code	GS
Properties:	
Sheet gauge	0,50 mm
Metal coat	Zn 225 – zinc 225 g/m ² (both sides) ZM100 – zinc-magnesium alloy 100g/m ² (both sides)
Organic coat	Modified thermosetting polyester-polyurethane coat - ground coat: 15 microns - prime coat: 20 microns
Mechanical strength:	
Coat adherence	≤ 1 T
Coat flexibility	≤ 2 T
Impact resistance	18J
Surface hardness (pencil classification)	HB-H
Scratch resistance (Clemen)	≥ 2,2 kg
Corrosion resistance:	
Salt spray test	500 hours
Humidity resistance - condensation (QCT)	1500 hours
Corrosion resistance class	RC4
Chemical resistance:	
Acid and alkali resistance	Good to very 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 ≤ 2; gloss retention ≥ 80%
UV resistance class	RUV4
Appearance:	
Surface finish	Smooth
Gloss (Gardner 60°)	30 GU
Colours:	
STANDARD 1	9010
STANDARD 2	9006, 7035
Other	Designed for long-term application in aggressive environments with corrosivity category C4
Other features:	Made for long-term operation in aggressive atmosphere and harsh environmental conditions with corrosivity category C4