

HDX Coat

Coat catalogue chart

INTENDED USE:	Regions with very high environmental corrosivity. Regions with very high level of UV radiation. Structures for which colour stability and appearance are very significant.
Coat code	GX
Properties:	
Sheet gauge	0,50 mm
Metal coat	Zinc – 275 g/m ² (both sides) ZM100 – zinc-magnesium alloy 100g/m ² (both sides)
Organic coat	Modified thermosetting polyurethane coat - ground coat: 25 microns - prime coat: 30 microns
Mechanical strength:	
Coat adherence	≤ 1 T
Coat flexibility	≤ 1,5 T
Impact resistance	18J
Surface hardness (pencil classification)	F-H
Scratch resistance (Clemen)	≥ 3,0 kg
Corrosion resistance:	
Salt spray test	700 hours
Humidity resistance - condensation (QCT)	1500 hours
Corrosion resistance class	RC5
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	granular
Gloss (Gardner 60°)	30 GU
Colours:	
STANDARD 1	9010
STANDARD 2	9006
Other	To be agreed with the manufacturer
Other features:	Designed for long-term application in very aggressive environments with corrosivity category C5