

Coat catalogue chart

HDX Coat

Purpose:	Regions with highly corrosive environment. Regions with very high level of UV radiation. Structures for which colour stability and appearance are very significant.
Properties:	
Sheet gauge	0,50 mm
Metal coat	Zn 275 g/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 elasticity	≤ 1,5 T
Impact strength	18J
Surface hardness (pencil hardness scale)	F-H
Scratch resistance (Clemen)	≥ 3,0 kg
Corrosion resistance:	
Salt spray test	700 hours
Moisture resistance (condensation) (QCT)	1500 hours
Corrosion resistance class	RC5
Chemical resistance:	
Resistance to acids and bases	Good to very good
Resistance to solvents:	
Aliphatic compounds and alcohols	Very good
Ketones	Low
Aromatic compounds	Good to very good
Resistance to mineral oils	Very good
Resistance to ammonia	Low
Resistance in contact with household products	Very good
UV resistance:	
QUV test (UVA + H ₂ O) (2000 hours)	ΔE ≤ 2; gloss retention ≥ 80%
UV resistance class	RUV4
Aesthetical features:	
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 aggressive environments with corrosivity category C5.