



# HDXCOAT

COAT CATALOGUE CHART

<b>INTENDED USE:</b>	<b>Regions with very high environmental corrosivity. Regions with very high level of UV radiation. Structures for which colour stability and appearance are very significant.</b>
<b>Coat code</b>	<b>GX</b>
<b>PROPERTIES:</b>	
Sheet gauge	-
Metal coat	-
Organic coat	Modified thermosetting polyurethane coat- prime coat: 25 microns top coat: 30 microns
<b>MECHANICAL STRENGTH:</b>	
Coat adherence	≤ 1 T
Coat flexibility	≤ 1,5 T
Impact resistance	18J
Surface hardness (pencil classification)	F-H
Scratch resistance (Clemen)	≥ 3,0 kg
<b>CORROSION RESISTANCE:</b>	
Salt spray test	700 hours
Humidity resistance - condensation (QCT)	1500 hours
Corrosion resistance class	RC5
<b>CHEMICAL RESISTANCE:</b>	
Acid and alkali resistance	Good to very good
<b>SOLVENT RESISTANCE:</b>	
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
<b>UV RESISTANCE:</b>	
QUV test (UVA + <sub>H</sub> 20) (2,000 hours)	ΔE ≤ 2; gloss retention ≥ 80%
UV resistance class	RUV4
<b>APPEARANCE:</b>	
Surface finish	Granular
Gloss (Gardner 60°)	30 GU
<b>COLOURS:</b>	
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.