

COIL COATED ALUMINIUM REYNOLUX®

DURAGLOSS® 5000 Properties

Properties	Method	Coil coated aluminium REYNOLUX®
Coating thickness	ECCA method T1 ASTM D 1400	Thickness according to colour : 35 µm
Specular gloss	ECCA method T2 ASTM D 523	High gloss / Medium gloss / Low gloss 3 % - >80 %
Colour difference	ECCA method T3	Spectrocolorimeter controls with the CIELab scale (45°/ 0° - 10° - D65)
Resistance to cracking on rapid deformation	ECCA method T5 ASTM B 2794	No cracking, no loss of adhesion
Adhesion after indentation	ECCA method T6 ASTM D 3359	100 % adhesion
Resistance to cracking on bending	ECCA method T7 ASTM D 4145	Very good flexibility (0T) Depending on alloy and temper
Acetic salt spray fog resistance	ECCA method T8	1 000 hours None or few blisters and max 2mm corrosion undercreeping
Salt spray fog resistance	ASTM B 117 – AAMA 620	3 000 hours None or few blisters and max 2mm corrosion undercreeping
Water immersion resistance	ECCA method T9 AAMA 620	3 000 hours None or few blisters
Abrasion resistance Falling sand	ASTM D 968 AAMA 620	> 55 liters
Acid resistance (*) • Nitric Acid	AAMA 620 ASTM D 1308	DE* < 5 units (except some blue and metallic colours)
• Hydrochloric Acid		No effect
Mortar test (*)	AAMA 620	No effect
Humidity resistance	ASTM D 2247 AAMA 620	3 000 hours No or little bubbles
Detergent resistance	AAMA 620	No effect
Color fastness on natural weathering	5 years 45° South FLORIDA	Maximum color change : 5 units for vertical applications / 8 units for non vertical applications
Resistance to chalking on natural weathering	5 years 45° South FLORIDA ASTM D 659	8

(*) For plain color

Alcoa Architectural Products

Member of the European Coil Coating Association (ECCA)
British Board of Agreement certification (BBA)
Certification ISO 9001 Certificate Nr 1993/1492b
Certification ISO 14001 Certificate Nr ENV/1999/14190



ÖZDEMİR YAPI MALZEMELERİ SAN. TİC. LTD.

Ataşehir Bulvarı Ata 2-3 Plaza Ofis No:40 Kat:4 34750 Ataşehir / İSTANBUL

Tel : 0216 / 455 52 40 (Pbx) Fax : 0216 / 455 52 92

www.ozdemiryapi.com.tr