



Arcoated™ Eternum

Pre-painted galvanized steel for construction and general industry

Applications	General outdoor applications like cladding, roofing, constructions accessories.	
Properties	Its main characteristics are the high level of surface hardness and the flexibility of the finishing film. It is a very ductile product and it is resistant to aggressive chemical and atmospheric agents, abrasions and solar radiations.	
Description	Total paint thickness (Front side) Layered composition Gloss Colors Appearance Protective film	55µm (EN 13523-1) Front: primer 25 µm +30 µm top coat Back: 10/12 µm 5 +/- 1 G.U. Color palette. Other colors on request Textured matt finish -----
Performance	Mechanical properties Size Impact test Paint adherence (T-bend) Resistance to cracking on bending (T-bend) Surface pencil hardness Corrosion resistance: <ul style="list-style-type: none"> • Salt spray test • Corrosion resistance category Condensation resistance UV resistance: <ul style="list-style-type: none"> • QUV(UVA+H2O) test (2000h) • UV resistance category Fire behaviour classification (DM 10-3-2005) Environment	Standard quality: EN10346 Width max.1500 mm Thickness max 1,5 mm; min 0,3 mm Tolerances EN 10143 18 J(EN 13523-5) ≤ 1T (EN 13523-7) ≤ 1T (EN 13523-7) Min F (EN 13523-4) 1000h (EN 13523-8) RC5 >1500h (EN 13523-26) ΔE≤5; G.R. ≥30% RUV4 A1 CrVI-free; RoHS 2011/65/UE
Guarantee	Non-perforation of the sheet metal Non-delamination of the paint Aesthetic appearance (ΔE≤5; G.R ≥50%)	≤ 35 years (*) ≤ 35years (**) ≤12 years (**) <small>(*) refer to document ARVEDI GUARANTEE on section transport, stocking, building (**) refer to document ARVEDI GUARANTEE on section geographical location and RUVn category.</small>