



Arcoated™ Standard

Pre-painted galvanized steel for construction and general industry

Applications	General outdoor applications like cladding, roofing, constructions accessories	
Properties	Flexible and resistant outdoors	
Description	Total paint thickness (Front side)	25µm (EN 13523-1)
	Layered composition	Front: primer 5 µm +20 µm top coat Back: 7 µm
	Gloss	Double side finish available:
	Colours	Primer 5 µm +15 µm top coat
	Appearance	30 G.U. (EN13523-2 e ASTM D523)
	Temporary film protection	Colour palette. Other colours on request Smooth On request
Performance	Mechanical properties	Standard quality: EN10346
	Size	Width max.1500 mm Thickness max 1,5 mm; min 0,3 mm Tolerances EN 10143
	Impact test	18 J (EN 13523-5)
	Paint adherence (T-bend)	≤ 1,5t (EN 13523-7)
	Resistance to cracking on bending (T-bend)	≤ 3t (EN 13523-7)
	Surface pencil hardness	HB– H (EN 13523-4)
	Corrosion resistance:	
	• Salt spray test	360h (EN 13523-8 e ASTM B117)
	• Corrosion resistance category	RC2
	Condensation resistance	>1000h (EN 13523-26 e ASTM D2247)
	UV resistance:	
	• QUV(UVA+H2O) test (2000h)	ΔE≤5; G.R. ≥30% (EN13523-10 e ASTM D4587)
	• UV resistance category	RUV2
	Fire behaviour classification (DM 10-3-2005)	A1
	Environment	CrVI-free; RoHS 2011/65/UE
Guarantee	Non-perforation of the sheet metal	≤ 12 years (*)
	Non- delamination of the paint	≤ 12 years (**)
	Aesthetic appearance (ΔE≤8; G.R. ≥15%)	≤7 years (**)

(*) refer to document ARVEDI GUARANTEE on section transport, stocking, building

(**) refer to document ARVEDI GUARANTEE on section geographical location and RUVn category.