



Arcoated™ Polyurethane PMD

Pre-painted galvanized steel for construction and general industry

Applications	General outdoor applications like cladding and roofing.	
Properties	The finishing film is made of polyamide polymers. It offers greater flexibility and higher mechanical resistance. The surface appearance is available with a fine or more pronounced texture.	
Description	Total paint thickness (Front side) Layered composition	25µm(EN 13523-1) Front: primer 5 µm +45 µm top coat Back: 7 µm Double side finish available
	Gloss	≤ 5 G.U.
	Colours	Colour palette. Other colours on request
	Appearance	textured
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)	≤ 1t(EN 13523-7)
	Resistance to cracking on bending (T-bend)	≤ 2t(EN 13523-7)
	Surface pencil hardness	HB– H(EN 13523-4)
	Corrosion resistance:	
	• Salt spray test	360h(EN 13523-8)
	• Corrosion resistance category	RC3
	Condensation resistance	>1000h(EN 13523-26)
	UV resistance:	
	• QUV(UVA+H2O)test (2000h)	ΔE≤3; G.R. ≥60%
	• UV resistance category	RUV3
	Fire behaviour classification (DM 10-3-2005)	A1
	Environment	CrVI-free ; RoHS 2011/65/UE
Guarantee	Non-perforation of the sheet metal	≤ 14 years ^(*)
	Non-delamination of the paint	≤ 14 years ^(**)
	Aesthetic appearance (ΔE≤7; G.R. ≥30%)	≤ 10 years ^(**)
		^(*) refer to document ARVEDI GUARANTEE on section transport, stocking, building
		^(**) refer to document ARVEDI GUARANTEE on section geographical location and RUVn category.