



Arcoated™VHD

Pre-painted galvanized steel for construction and general industry

Applications	General outdoor applications like cladding, roofing, constructions accessories	
Properties	Evolved version of the Arcoated™ HD with higher resistance to solar radiation for applications in high mountain areas.	
Description	Total paint thickness (Front side) Layered composition	25µm(EN 13523-1) Front: primer 5 µm +20 µm top coat Back: 7 µm Double side finish available
	Gloss	30 G.U.
	Colours	Colour palette. Other colours on request
	Appearance	Smooth
	Temporary film protection	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)	≤ 1t(EN 13523-7)
	Resistance to cracking on bending (T-bend)	≤ 1t(EN 13523-7)
	Surface pencil hardness	F– H(EN 13523-4)
	Corrosion resistance:	
	• Salt spray test	500h(EN 13523-8)
	• Corrosion resistance category	RC3
	Condensation resistance	>1500h(EN 13523-26)
	UV resistance:	
	• QUV(UVA+H2O)test (2000h)	ΔE≤2; G.R. ≥70%
	• UV resistance category	RUV4
	Fire behaviour classification (DM 10-3-2005)	A1
	Environment	CrVI-free ; RoHS 2011/65/UE
Guarantee	Non-perforation of the sheet metal	≤ 15 years ^(*)
	Non-delamination of the paint	≤ 15 years ^(**)
	Aesthetic appearance (ΔE≤5; G.R. ≥50%)	≤ 12 years ^(**)
		^(*) refer to document ARVEDI GUARANTEE on section transport, stocking, building
		^(**) refer to document ARVEDI GUARANTEE on section geographical location and RUVn category.