



# Arcoated™ Plastisol

## *Pre-painted galvanized steel for construction and general industry*

<b>Applications</b>	General outdoor applications like cladding, roofing, constructions accessories.	
<b>Properties</b>	The appearance can be smooth or embossed with excellent adhesion in highly corrosive atmospheres. The particularly thick layer of paint provides the coating with considerable mechanical resistance and flexibility.	
<b>Description</b>	Total paint thickness (Front side) Layered composition  Gloss Colours Appearance	205µm(EN 13523-1) Front: primer 5 µm +200 µm top coat Back: 15 µm 30 G.U. Colour palette. Other colours on request Embossed or smooth
<b>Performance</b>	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"> <li>• Salt spray test</li> <li>• Corrosion resistance category</li> </ul> Condensation resistance UV resistance: <ul style="list-style-type: none"> <li>• QUV(UVA+H2O)test (2000h)</li> <li>• UV resistance category</li> </ul> Fire behaviour classification (EN 13501-1) 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) ≤ 3t(EN 13523-7) F– H(EN 13523-4)  500h(EN 13523-8) RC5 M >1000h(EN 13523-26)  ΔE≤5; G.R. ≥30% RUV2 Cs2d0 CrVI-free ; RoHS 2011/65/UE
<b>Guarantee</b>	Non-perforation of the sheet metal Non-delamination of the paint Aesthetic appearance (ΔE≤8; G.R. ≥40%)	≤ 13 years <sup>(*)</sup> ≤ 13 years <sup>(**)</sup> ≤ 5 years <sup>(**)</sup> <small>(*) refer to document ARVEDI GUARANTEE on section transport, stocking, building (**) refer to document ARVEDI GUARANTEE on section geographical location and RUVn category.</small>