



# Arcoated™ Mat 3D

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

<b>Applications</b>	General outdoor applications like tiles, cladding and roofing.	
<b>Properties</b>	This product can also be used for façade coverings, its particular visual effect giving additional aesthetic value, much appreciated by architects and engineers.	
<b>Description</b>	Total paint thickness (Front side) Layered composition  Gloss Colours Appearance	50µm(EN 13523-1) Front: primer 5 µm +45 µm top coat Back: 7 µm Double side finish available 3 G.U. Colour palette. Other colours on request textured
<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 (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) ≤ 2t(EN 13523-7) F– H(EN 13523-4) 360h(EN 13523-8) RC3 >1000h(EN 13523-26) ΔE≤3; G.R. ≥60% RUV3 A1 CrVI-free ; RoHS 2011/65/UE
<b>Guarantee</b>	Non-perforation of the sheet metal Non-delamination of the paint Aesthetic appearance (ΔE≤7; G.R. ≥30%)	≤ 14 years (*) ≤ 14 years (**) ≤ 10 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>