



# Arvcoated<sup>™</sup> Mat 3D

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

## APPLICATIONS

**Arvcoated Mat 3D is the specific product for roof tiles, characterised by a special stereoscopic effect of the surface texture. It is suitable for architectural structures or buildings with an emphasis on aesthetics.**

A finish also used for facade cladding, its particular visual impact gives it added aesthetic value.

## FEATURES

**Structured aspect**, based on **polyester resins**.

**Front:** Primer and Top Coat **25µm** nominal thickness.

**Back:** from **5 to 12µm** of epoxy back suitable for foaming.

**Gloss:** from **2,5 to 4,5**.

**Colour:** Available **RAL color or color on request**.

**Thickness:** from **up to 1,5mm**.

**Width:** **up to 1500mm**.

Tolerances according to EN 10143

## GUARANTEE

<b>14 years</b>	Non-perforation of the sheet metal <sup>1</sup>
<b>14 years</b>	Non-delamination of the paint <sup>1</sup>
<b>10 years</b>	Aesthetic appearance <sup>2</sup> ( $\Delta E \leq 7$ ; G.R. $\geq 30\%$ )
<b>up to 1,5T</b>	Paint adherence (T-Bend test) <sup>3</sup>
<b>up to 2T</b>	Resistance to cracking on bending (T-Bend test) <sup>3</sup>
<b>18J</b>	Impact Test <sup>3</sup>
<b>RC3</b>	Corrosion resistance category <sup>3</sup>
<b>360h</b>	Salt spray test <sup>3</sup>
<b>1000h</b>	QCT Test <sup>3</sup>
<b>RUV3</b>	UV resistance category
<b><math>\Delta E \leq 3</math>;</b>	After 2000h of QUV
<b>G.R. <math>\geq 60\%</math></b>	(UVA+H2O) test <sup>3</sup>

**Cr(VI) free**

**RoHS 2011/65/UE**

- 1 Refer to document ARVEDI GUARANTEE on section transport, stocking, building
- 2 Refer to document ARVEDI GUARANTEE on section geographical location and RUVn category.
- 3 EN 13523, related paragraphs

The performance characteristics of this sheet refer to sheets with zinc mass equal to or greater than Z275 and the maximum primer thickness. Although Acciaieria Arvedi tries to maintain a uniform appearance between all production batches, colour continuity between different batches cannot be guaranteed. Consequently, it is advisable to use a single batch to produce the final structure. The reference sample approved between the parties is subject to the tolerances of the painting process.