



Arvcoated[™] 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 **35µm** total 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

14 years

Non-perforation of the sheet metal¹

14 years

Non-delamination of the paint¹

10 years

Aesthetic appearance² ($\Delta E \leq 7$; G.R. $\geq 30\%$)

up to 1,5T

Paint adherence (T-Bend test)³

up to 2T

Resistance to cracking on bending (T-Bend test)³

18J

Impact Test³

RC3

Corrosion resistance category³

360h

Salt spray test³

1000h

QCT Test³

RUV3

UV resistance category

$\Delta E \leq 3$;

After 2000h of QUV

G.R. $\geq 60\%$

(UVA+H₂O) test³

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. 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.