



Arvcoated[™] Eternum

Pre-painted galvanized steel for construction and general industry

APPLICATIONS

Arvcoated Eternum is the ideal product to create coverings with an excellent visual effect and an extremely long service life.

Product with excellent processability, superior corrosion resistance and UV radiation resistance.

FEATURES

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

Front: Primer and Top Coat **50µm** total thickness.

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

Gloss: from **2 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

35 years

Non-perforation of the sheet metal¹

35 years

Non-delamination of the paint¹

12 years

Aesthetic appearance² ($\Delta E \leq 5$; G.R. $\geq 50\%$)

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

RC5

Corrosion resistance category³

1000h

Salt spray test³

2000h

QCT Test³

RUV4

UV resistance category

$\Delta E \leq 2$;

After 2000h of QUV

G.R. $\geq 80\%$

(UVA+H₂O) test³

Fire behaviour classification⁴

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
- 4 EN 13501-1

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.