



# Arvcoated<sup>™</sup> Petra

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

## APPLICATIONS

**Arvcoated Petra is the ideal product for cladding and roofing in urban, industrial and sunny environments.**

It combines excellent workability with a near-crystalline finish. It has excellent corrosion and UV resistance properties.

## FEATURES

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

**Front:** Primer and Top Coat **from 35 to 50µm** nominal thickness.

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

**Gloss:** **from 2,5 to 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>30 years</b>	Non-perforation of the sheet metal <sup>1</sup>
<b>30 years</b>	Non-delamination of the paint <sup>1</sup>
<b>10 years</b>	Aesthetic appearance <sup>2</sup> ( $\Delta E \leq 5$ ; G.R. $\geq 50\%$ )
<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>RC5</b>	Corrosion resistance category <sup>3</sup>
<b>1000h</b>	Salt spray test <sup>3</sup>
<b>2000h</b>	QCT Test <sup>3</sup>
<b>RUV4</b>	UV resistance category
<b><math>\Delta E \leq 2</math>;</b>	After 2000h of QUV
<b>G.R. <math>\geq 80\%</math></b>	(UVA+H <sub>2</sub> O) test <sup>3</sup>

**Fire behaviour classification<sup>4</sup>**

**Cr(VI) free**

**RoHS 2011/65/UE**

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- 1 Refer to document ARVEDI GUARANTEE on sector transport, stocking, building
  - 2 Refer to document ARVEDI GUARANTEE on sector 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 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.