



# Arvcoated™ Poliuretano PMD

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

## APPLICATIONS

**Arvcoated polyurethane PMD is the product developed for outdoor applications, roofing, panels, building accessories and sectional doors**

The product offers good scratch resistance thanks to the addition of polyamide and good flexibility thanks to the polyurethane resin.

## FEATURES

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

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

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

**Gloss:** from **30 to 50**.

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

**Thickness:** from **up to 1,2mm**.

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

**Painting available on both sides.**

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>; G.R. <math>\geq 60\%</math></b>	After 2000h of QUV (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.