



# Arvcoated™ Poliestere VHD

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

## APPLICATIONS

**Arvcoated VHD is designed for outdoor applications, corrugated sheets, insulation panels, building accessories and profiles.**

An evolution of the Arvcoated HD product with even greater resistance to solar radiation and suitable for applications in high UV areas.

## FEATURES

**Smooth aspect**, based on **super-polyester resins**.

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

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

**Gloss:** from **20 to 60**.

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

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

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

**Painting available on both sides.**

**Available with protective film.**

Tolerances according to EN 10143

## GUARANTEE

**15 years** Non-perforation of the sheet metal<sup>1</sup>

**15 years** Non-delamination of the paint<sup>1</sup>

**10 years** Aesthetic appearance<sup>2</sup> ( $\Delta E \leq 5$ ; G.R.  $\geq 50\%$ )

**up to 1,5T** Paint adherence (T-Bend test)<sup>3</sup>

**up to 2T** Resistance to cracking on bending (T-Bend test)<sup>3</sup>

**18J** Impact Test<sup>3</sup>

**RC3** Corrosion resistance category<sup>3</sup>

**360/500h** Salt spray test<sup>3</sup>

**1500h** QCT Test<sup>3</sup>

**RUV4** UV resistance category

**$\Delta E \leq 2$ ;** After 2000h of QUV  
**G.R.  $\geq 80\%$**  (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.