



Arvcoated™ Poliestere HD

Pre-painted galvanized steel for construction and general industry

APPLICATIONS

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

Advanced version of Arvcoated Standard with increased resistance to solar radiation, resistance to coating degradation and color decay over time.

FEATURES

Smooth aspect, based on **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

13 years	Non-perforation of the sheet metal ¹
13 years	Non-delamination of the paint ¹
10 years	Aesthetic appearance ² ($\Delta E \leq 7$; 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 Test ³
RC3	Corrosion resistance category ³
360h	Salt spray test ³
1000h	QCT Test ³
RUV3	UV resistance category
$\Delta E \leq 3$;	After 2000h of QUV
G.R. $\geq 60\%$	(UVA+H ₂ O) test ³

Fire behaviour classification⁴

Cr(VI) free

RoHS 2011/65/UE

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- 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 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.