



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 **from 20 to 30µm** total 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 metal¹

13 years

Non-delamination of the paint¹

10 years

Aesthetic appearance² ($\Delta E \leq 7$; 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 Test³

RC3

Corrosion resistance category³

360h

Salt spray test³

1000h

QCT Test³

RUV3

UV resistance category

$\Delta E \leq 3$;

After 2000h of QUV

G.R. $\geq 60\%$

(UVA+H2O) test³

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. 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.