AcciaieriaArvedi

Data sheet version
rev.0 06/06/2022

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 **from 20 to 30µm** total thickness.

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

Gloss: from 20 to 60.

Colur: 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 metal1
15 years	Non-delamination of the paint[1]
12 years	Aesthetic appearance[2] (ΔE≤5; G.R≥50%)
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]
360/500h	Salt spray test[3]
1500h	QCT Test[3]
RUV4	UV resistance category
ΔE≤2; G.R. ≥80%	After 2000h of QUV (UVA+H2O) test[3]

Fire behaviour classification[4]

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

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.