



Λ - PVDF

COATING



The Painted Metal Atelier

A-PVDF (polyvinylidene fluoride)

PVDF or **polyvinylidene fluoride** coatings are based on a mixture of **polyvinylidene fluoride** and acrylic **resins**.

Its self-cleaning properties and low frictional coefficient makes **A-PVDF (polyvinylidene fluoride)** a top performance coating that can be applied on panelling for outdoor applications.

This makes it the top performance paintwork for the **building** sector, offering great **flexibility**, extremely good **resistance** to chalking, and gloss and colour fastness.

> **Support:** aluminium, steel

> **Applications:** outdoor



TREATMENT

2 degreasings + chrome-free passivation

TOP SURFACE

PRIMER FOR PVDF: 4 - 5 microns
TOP COAT PVDF: 18 - 22 microns

or

PRIMER PVDF: 10 microns
BASE COAT PVDF: 15 microns
TOP COAT PVDF:
transparent 12 microns

BACK SURFACE

BACK COAT:
foamable 4 - 6 microns

or

BACK COAT:
matching colour 12 - 14 microns

Coating used: compliant with RoHS directive

Technical Features

TEST	VALUE	REFERENCE STANDARD
Thickness	22 - 40*	EN 13523-1 (ECCA T1)
Gloss	**	EN 13523-2 (ECCA T2)
Pencil hardness	HB - H	EN 13523-4 (ECCA T4)
Adhesion on impact	100%	EN 13523-5 (ECCA T5)
Adhesion on forming	100%	EN 13523-6 (ECCA T6)
T.B. Adherence at 25° C	0T - 1T***	EN 13523-7 (ECCA T7)
T.B. Cracking at 25° C	0T - 2T***	EN 13523-7 (ECCA T7)
MEK	> 100	EN 13523-11 (ECCA T11)

* greater thicknesses available on request

** see table below

*** according to the characteristics of the support

GLOSS LEVEL	INTERVAL	PERMISSIBLE VARIATION
1 (opaque)	0 - 20	+/- 5 units
2 (semi-opaque or semi-transparent)	21 - 40	+/- 7 units



Find out about our applications



Alusteel Coating

via Risorgimento, 19
26867 Somaglia, Lodi, Italy
T +39 0377 579700
info@alusteel.it
www.alusteel.it

Alpine Anodizing

via Friuli, 75
24055 Cologno al Serio,
Bergamo, Italy
T +39 035 897128
info@alpineanodizing.it
www.alpineanodizing.it

Metalcoat

via Antonio Stoppani, 10/C
24121 Bergamo, Italy
T +39 035 246509
info@metalcoat.it
www.metalcoat.it

Aleu - Aluminium Europe

piazza Francesco Buffoni, 5
21013 Gallarate, Varese, Italy
T +39 0331 1420010
info@aleu.it
www.aleu.it



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