

Folastal[®] – PVDF – coating system

Description:

A two-layer coating system consisting of primer and top coat. The usual overall layer thickness is 25 µm. Coating thicknesses up to 50 µm are available. This coating system has a satisfying weather stability and excellent forming properties. Because of the excellent UV-stability, Folastal[®]-PVDF-coatings are suited for the application in climates

with a very high UV radiation.

Fields of application:

Sandwich panels and trapezoidal profiles for roofs and walls (exterior) with high requirements regarding colour stability; also garage doors, caravans, road signs and blinds.

Please note:

Our technical customer service is at your disposal for more information about this and our other Folastal[®] coating systems.

Properties:

Property	Test specification	Value
Usual overall coating thickness	DIN EN 13523-1	25 µm
Gloss (60°)	DIN EN 13523-2	20 – 40 GE
Adhesion (Cross cut)	DIN EN ISO 2409	GT 0
Adhesion after indentation	DIN EN 13523-6	6mm/ GT 0
Resistance to cracking on bending (adhesion)	DIN EN 13523-7	max. 1T without peeling
Resistance to cracking on bending (flexibility)	DIN EN 13523-7	max. 3T without cracks
Resistance to solvents (rubbing test)	DIN EN 13523-11	at least 100 double friction (not for metallics)
Pencil hardness	DIN EN 13523-4	HB-F
Buchholz indentation test	DIN EN ISO 2815	min. 80
Resistance to rapid deformation (Impact test)	DIN EN 13523-5	min. 8J
Resistance to salt spray	DIN EN ISO 9227 DIN EN ISO 4628-2 DIN EN ISO 4628-8	after 360h the average delamination (corrosion creep) at the scribe is max. 2 mm, no blistering on the surface
Temperature stability		up to 80°C, temporary up to 110°C
Minimum processing temperature		18°C (material temperature)
Corrosion protection class	DIN 55928-8	KIII (in combination with Z275)

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