

Folastal® – Polyester coating system for exterior applications

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 good to excellent forming properties and a good to satisfactory weather stability. It is suitable for inside and outside use in areas with central European or temperate continen-

tal European climate and normal atmospheric pollution in locations up to 900 m above sea level. Furthermore this coating is appropriate to industry products of different types.

Fields of application:

In the outside for example for roofing and claddings, edge profiles, garage doors, in the inside for example as switch cabinets, laboratory ovens, furni-

tures, shelves, air conditioners.

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 layer thickness	DIN EN 13523-1	25 µm
Gloss (60°)	DIN EN 13523-2	10 – 60 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. 4T 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. 90
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 60°C
Minimum processing temperature		18°C (material temperature)
Corrosion protection class	DIN 55928-8	KIII (in combination with Z275)
fire resistance classification	DIN 4102-1	Building material class B2

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