

FolaSal® – Polyester coating system for lighting

Description:

Coating system consisting of a polyester resin base with a layer thickness between 25 and 30 µm. The concrete property profile is adapted to the customer's specific demands. This coating system has excellent forming properties, a high gloss and a high coefficient of reflection.

Fields of application:

Linear fluorescent luminaires and luminaires with louvre optics.

Please note:

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

Properties:

Property	Test specification	Value
Usual overall coating thickness	DIN EN 13523-1	25 – 30 µm
Gloss (60°)	DIN EN 13523-2	ca. 80 GE
Adhesion (Cross cut)	DIN EN ISO 2409	GT 0
Adhesion after indentation	DIN EN 13523-6	8mm/ GT 0
Resistance to cracking on bending (adhesion)	DIN EN 13523-7	max. 0,5T without peeling
Resistance to cracking on bending (flexibility)	DIN EN 13523-7	max. 2T without cracks
Resistance to solvents (rubbing test)	DIN EN 13523-11	at least 100 double friction
Pencil hardness	DIN EN 13523-4	HB-H
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 72h the average delamination (corrosion creep) at the scribe is max. 1 mm, no blistering on the surface
Temperature stability		up to 60°C
Minimum processing temperature		18°C (material temperature)
Environmental compatibility		RoHS-conform

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