

FolaSal® - thick film polyurethane for utility vehicle top parts

Description:

A two-layer coating system consisting of primer and polyurethane top coat. The usual overall layer thickness is 45 µm. This coating is developed especially for the application in construction for utility vehicle (HGV-constructional systems).

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 layer thickness	DIN EN 13523-1	45 µm
Gloss (60°)	DIN EN 13523-2	20 – 40 GE (higher gloss possible on demand)
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	min. HB
Buchholz indentation test	DIN EN ISO 2815	min. 87
Resistance to rapid deformation (Impact test)	DIN EN 13523-5	min. 18J
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. 1,5 mm, no blistering on the surface
Cooking test 20h, 80°C		GT ≤ 3
Oil resistance (brake fluid 24h, 50°C)		no modification
Stability against pancreatin solution (30 min, 30-74°C)		no modification
UV stability		gloss reduction ≤ 20 GE
Minimum processing temperature		18°C (material temperature)
Corrosion protection class	DIN 55928-8	KIII (in combination with Z275)

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