

Folastal® – Polyurethane coating system for domestic appliances

Description:

A two-layer coating system consisting of primer and top coat. The usual overall layer thickness is 25 µm up to 30 µm. The concrete property profile is adapted to the customer's specific demands. These coating systems are characterized by excellent forming properties in combination with a good resistance to

chemicals. Different colours in plane or structured surfaces are available.

Fields of application:

Washing machines, dish washers, cooling units and freezers, microwave coverings, exhaust hoods.

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 – 30 µm
Gloss (60°)	DIN EN 13523-2	depending on customer's request
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. 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	after 120h no blistering on the surface
Humidity chamber resistance (CH-test)	DIN EN ISO 6270-2 DIN EN ISO 4628-2	21 days, no blistering on the surface
Stability against suds		defined by customer's specifications
Temperature stability		60°C
Minimum processing temperature		18°C (material temperature)
Environmental compatibility		RoHS-conform

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