

FolaSal® – 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 satisfying weather stability. It is suitable for inside and outside use in areas with central European or temperate continental 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, furnitures, shelves, air conditioners.

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 | 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 ZM140 or Z275) |
| fire resistance classification | DIN 4102-1 | Building material class B2 |

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