

FolaSal[®] Colaminate

Description:

Coating system comprising primer, base coat and PET film on hot-dip zinc-coated steel. The standard total thickness is 55 µm. This system features a high surface hardness level while also offering very good forming characteristics and good chemical resistance.

Possible application areas:

For example, household appliances, inner linings of cold-storage rooms

Note:

Our Technical Customer Service staff would be happy to provide you with further information on this product and our other FolaSal[®] coating systems

Properties:

Property	Test specification	Values
Standard dry layer thickness (total)	DIN EN 13523-1	Approx. 55 µm
Gloss (60°)	DIN EN 13523-2	By arrangement
Color		By arrangement
Surface		Flat
Adhesion (cross-cut)	DIN EN ISO 2409	Gt 0
Resistance to cracking on bending (adhesion)	DIN EN 13523-7	0 – 0.5 T without peeling
Resistance to cracking on bending (T-bend)	DIN EN 13523-7	1 T without cracks
Pencil hardness	DIN EN 13523-4	Min. 2 h
Resistance to cracking during rapid deformation (reverse impact)	DIN EN 13523-5	Min. 18 y
Salt spray resistance	DIN EN ISO 9227 DIN EN ISO 4628-2 DIN EN ISO 4628-8	After 500 h, the average corrosion creep at the scribe is max. 2 mm (applies to solid colors)
Resistance to condensation of water	DIN EN 13523-26 DIN EN ISO 4628-2	1000 h (Blistering max. 1(S1))
Resistance to cyclic condensation of water	DIN EN ISO 6270-2	20 cycles AHT without a change at the surface
Service temperature range		-20 to +100° C
Minimum processing temperature		18° C (material temperature)
Stain resistance (foods)		Very good
Resistance to cleaning and washing agents typically found in the household		Very good
Environmental compatibility		RoHS-compliant (EU Directives 2002/95/EC and 2011/65/EC)
Declaration of non-objection (food)		Suitability for contact with food by arrangement

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