

Estetic[®] Casa Protect

- Properties**
- Superior protection against corrosion
 - Superior resistance to detergent
 - Very good formability
 - Thermosetting paint
 - Surface treatment and paint: free of hexavalent chromium and heavy metals

Applications Domestic appliance parts for superior protection against corrosion and superior resistance to detergent

Description	Thickness ⁽¹⁾	25 microns
	Composition	Front: 25 microns Back: 7 or 10 microns high-gloss backing coat
	Gloss (Gardner 60°) ⁽¹⁾	Usual: 30-90 GU
	Colours	Specific colours on request
	Appearance	Smooth, orange peel
	Temporary protection (optional)	Self-adhesive film or heat-sealed film
	Performance	Adhesion of the coating (T-bend)
Resistance to cracking on bending (T-bend)		≤ 1 T
Impact resistance		18 J
Surface "pencil" hardness		HB to H
Adherence with no cracks (Erichsen test)		6 mm
Adhesion on cross-cut		100%
Salt spray test		360 hours
Condensation resistance:		
• QCT test		1500 hours
• Corrosion protection category		CPI4
UV resistance		500 hours
Compliance with European directives 2002/95/EC and 2011/65/EC on electrical and electronic equipment		ROHS-compliant
Resistance to detergent		Very good with liquid and powder detergent
Stain resistance		Good
Resistance to acids and bases		Good to very good
Resistance to solvents:		
• Aliphatics and alcohols	Good to very good	
• Ketones	Low	
• Aromatics	Good to very good	
Resistance to mineral oils	Very good	

Remarks These performance characteristics refer specifically to metallic coating Z100 (guaranteed minimum). ZE or ZV metallic coating also available. If any product (film, oil, foam, glue, paint etc) is to be applied after coil delivery, compatibility with the coating needs to be checked first.

(1) Nominal value, tolerance according to EN 10169