

Estetic[®] Conductive

Properties	 Conductive thermosetting paint with anti-fingerprint properties Surface treatment and paint: free of hexavalent chromium and heavy metals 	
Applications	Teletronic goods, hifi, computers, weldable structures	
Description	Thickness ⁽¹⁾	3 microns
	Gloss (Gardner 60°) ⁽¹⁾	10 GU
	Colour	Clear coat
	Appearance	Smooth
	Temporary protection (optional)	Self-adhesive film or heat-sealed film
Performance	Adhesion of the coating (T-bend)	≤ 0.5 T
	Resistance to cracking on bending (T-bend)	≤1T
	Impact resistance	18 J
	Surface "pencil" hardness	HB to H
	Corrosion resistance: • Salt spray test	72 hours (< 5% red rust)
	Condensation resistance: • QCT test • Corrosion protection category	500 hours CPI2
	Surface conductivity (Loresta test)	< 1 milli-ohm
	Compliance with European directives 2002/95/EC and 2011/65/EC on electrical and electronic equipment	ROHS-compliant
	Static friction coefficient	0.13
	Temperature resistance	No change in appearance after 1 hour at 200°C
	Chemical resistance	Very good resistance to alkaline solutions (ammonia 2%, NaOH 2%), ethanol, methanol
Remarks	These performance characteristics refer specifically to metallic coating EZ 25/25 (guaranteed minimum).	

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