



Estetic[®] Clean

Properties

- Aggressive and very wet indoor environments
- Very good formability
- Scratch resistant
- High chemical resistance
- Food safety (inert certificate on request)
- Resistance to stains, dirt, cleaning products etc
- Colaminated coating (film + paint)
- Surface treatment and paint: free of hexavalent chromium and heavy metals

Applications

Panels for cold stores (ceilings, wall partitions, doors etc), food stores

Description

Thickness ⁽¹⁾	50 microns
Composition	Front: 3 layers (15 microns primer, 20 microns base coat, 15 microns film) Back: 5, 7, 10 or 12 microns backing coat
Gloss (Gardner 60°) ⁽¹⁾	17 GU
Colours	Specific colours on request
Appearance	Smooth

Performance

Adhesion of the coating (T-bend)	0 T
Resistance to cracking on bending (T-bend)	≤ 1 T
Impact resistance	18 J
Surface "pencil" hardness	2H
Clemen scratch resistance	≥ 5 kg
Salt spray test	500 hours
Condensation resistance: • QCT test • Corrosion protection category	2000 hours CPI5
Resistance to temperature	-20 °C to 100 °C (continuous exposure) After exposure to 160 °C for 400 hours, no loss of gloss +200 °C (maximum spot temperature) -40 °C (minimum spot temperature)
Fire behaviour classification (EN 13501-1)	A1
Food safety	Inert certificate (on request)
Compliance with European directives 2002/95/EC and 2011/65/EC on electrical and electronic equipment	ROHS-compliant
Resistance to household products	Very good
Resistance to acids and bases	Very good
Resistance to solvents: • Aliphatics and alcohols • Ketones • Aromatics	Very good Very good Very good
Resistance to mineral oils	Very good

Remarks

These performance characteristics refer specifically to metallic coating Z225.
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