

CES120 Anti-static

Product data sheet



Pre-finished steels with anti-static properties for cladding the surfaces of controlled environments.

Characteristics

- Safe for continuous contact with food
- Resistant to staining, mould growth and surface extraction.
- Vinyl chlorides monomer level <0.5ppm.
- Standard white colour (S8197); other colours by agreement.
- For interior use; not suitable for cladding outdoors.
- For critical environments, the CES range of products is available with Assure™ antibacterial technology.

Substrates available

- Galvatite to BS EN 10143 and BS EN 10147.

Typical properties

Property	Test specification	Data (See note 2)
Nominal organic coating thickness	ECCA T1 BS 3900/05	120µm
Specular gloss (60°)	ECCA T2 ASTM D523	12%
Pencil hardness	ECCA T4 ASTM D3363	N/A
Scratch resistance	BS 3900 E2	>3500g
Abrasion resistance (Taber) See note 3	ASTM D4060	12-15mg
Flexibility:		
Reverse impact	ECCA T7 ASTM D2794	18J
Minimum bend diameter (T=substrate thickness)	ECCA T7	2T dia (1T radius)
Adhesion (Cross Hatch)	BS 3900/E6	N/A
Corrosion resistance:		
Salt spray	ECCA TB ASTM B117-73	450h
Humidity	BS 3900/F2	1000h
QUV weatherometer	ECCA T10 ASTM G53-84	N/A
Maximum continuous operating temperature		50°C
Minimum temperature for forming		20°C
Surface spread of flame	BS 476 Part 7	Class 1

Notes to table:

1. All figures are typical properties and do not constitute a specification.
2. Data are for the product on a Galvatite substrate.
3. Abrasion resistance (Taber): Loss at 250 revs, 1000g load, CS 10 wheels.
4. N/A=Not applicable.