

Pre-finished steels for cladding the surface of controlled environments.

Characteristics

- Fully foodsafe coating, although not recommended for prolonged contact with moist or wet food; use CES 120 Anti-static in such applications.
- Contains no vinyl chloride monomer.
- Standard white colour (S5575) with a smooth surface.
- 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/C5	25µm
Specular gloss (60°)	ECCA T2 ASTM D523	25%
Pencil hardness	ECCA T4 ASTM D3363	H
Scratch resistance	BS 3900/E2	>3000g
Abrasion resistance (Taber) See note 3	ASTM D4060	35mg
Flexibility:		
Reverse impact	ECCA T5 ASTM D2794	5J
Minimum bend diameter (T=substrate thickness)	ECCA T7	4T dia. (2T radius)
Adhesion (Cross Hatch)	BS 3900/E6	100%
Corrosion resistance:		
Salt spray	ECCA T8 ASTM B117-73	250h
Humidity	BS3900/F2	1000h
QUV weatherometer	ECCA T10 ASTM G53-84	N/A
Maximum continuous operating temperature		120°C
Minimum temperature for forming		16°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.