

CES35

Product data sheet

High durability pre-finished steels for the internal surfaces of air handling units / HEVAC

Characteristics

- Tough surface with excellent resistance to chemical damage.
- Excellent formability with a durable uniform textured surface.
- Good stain and mar resistance.

Substrates available

- Galvatite to BS EN 10327 and BS EN 10326
- Cold Reduced to BS EN 10130

Typical Properties

Property	Test specification	Data (See note 2)
Nominal organic coating thickness	ECCA T1 BS 3900/05	25 to 35µm
Specular Gloss (60°)	ECCA T2 ASTM D523	20%
Pencil hardness	ECCA T4 ASTM D3363	2H
Abrasion resistance (Taber) See note 3	ASTM D4060	10 mg
Flexibility:		
Reverse impact	ECCA T5	18J
Minimum bend diameter (T=substrate thickness)	ECCA T7	1T diameter. (0.5T radius)
Taping after T bend	ECCA T7	no pick off
Adhesion (Cross Hatch)	BS 3900/E2	100%
Corrosion Resistance:		
Salt spray	ECCA T8	Galvatite 450 hrs. CR 100 hrs
Humidity	BS 3900/F2	Galvatite 1000 hrs CR 250 hrs
UV resistance (QUV-A)	ECCA T10	N/A
Maximum continuous operating temperature		120°C
Minimum temperature for forming		16°C
Surface spread of flame		N/A

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.