

EST™ IC100 Coating

Product Data Sheet

Product Description

EST IC 100 Coating is a water-based thin-film intumescent fire protection coating. Its application characteristics offer good impact resistance and an aesthetic finish.

Application Conditions

- Temperature, 4.4°C (39.9°F) minimum
- Relative humidity, 80% maximum

Benefits

- Acts as a char barrier between heat source and cold face

Applications

- Protection of metal or plastic components, often for modules or pack lids
- Coated on Morgan's papers for added protection

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Colour	Blue
Classification Temperature, °C (°F)	1300 (2370)
Finish	Flat
Weight solids, %	57
Volatile Organic Compounds, VOC, g/L	<4
Packaging	5 gallon pail (22.7 Liters)
Weight, kg/L	1.28
Reducer/Clean-Up Agent	Water

Typical Dryout Schedule		
Temperature, °C (°F)	15 (60)	23 (73)
Time to touch, hours	5	3
Time to recoat, hours	24	6
Time to handle	Dependent on applied thickness	

Shelf Life

- Up to 10 months, indoors in unopened containers at temperatures of 4.5°C—38°C (40.1°F—100.4°F)

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