



PURE EPOXY MATT

Series Identification Code 72

Product Description

Epoxy based powder coatings are mainly used for their excellent chemical and corrosion resistance combined with very good adhesion properties. They are not recommended for use on materials exposed to outdoor environment.

Popular Applications

Fire Extinguishers
Bathroom Fixtures
Oil Filters
Dryer drums
Power Tools
Instrument Cases

General Specifications

Specific Gravity: 1.2 to 1.8 depending on product
Particle Size Distribution: < 125 microns 100% passing
Curing Schedule: 180°C (Object Temperature) / 15 minutes
Shelf Life: Maximum 6 months from the date of manufacture in a sealed carton under recommended conditions of storage < 25°C and RH < 60%

General Film Properties

Property	Test Method	Value
Recommended Film Thickness	ASTM D-1186	50–60 microns
Gloss Range @ 60° Gloss Head	Marpol Standard	10%–45%
Impact Resistance	ASTM D-2794	100 kgs minimum
Erichsen Cupping	ASTM E-643	6 mm minimum
Flexibility Bend	ASTM D-552	6 mm minimum
Scratch Hardness	BS 3900 Part E6	2 kgs minimum
Salt spray Resistance	ASTM B-117	1000 hours minimum
Humidity Resistance	ASTM B-2247	1000 hours minimum
QUV Resistance	ASTM G-53	Not applicable
Pencil Hardness	ASTM D-3363	H–3H