

2 COMPONENT COATING FOR FLOORS 3823

A water based epoxy with hardener for floors



2 component coating for floors is a permanently conductive, clear, two pack water-based epoxy graphene paint. High quality, water borne two pack epoxy system. It is very environmentally friendly, easy to clean with equipment using water and it provides the benefit of a low odour.

You can find the 3823 in different applications such as floor coatings (particularly where the previous coating is unknown as solvent will attack many coatings causing them to lift).

TECHNICAL DATA

Solids	approximately 36-38 %
Flash point	N/A
Specific gravity	1.35 g/cm3
Viscosity	2.3 poise ICI cone and plate
Storage	6 months in original sealed containers
Pot life	1 hour at 20 °C
Ph	8.0
Firm dry	16 hours
Hard dry	3 days
2 pack mixing ratio	4:1 (4 parts water base epoxy to 1 part hardener)
Cleaning	Use warm soapy water before curing is complete
Thinning	If required thin with approx. 10-20 % water (thin after mixing the 2 parts)
Color	Light grey
Surface resistance	< 106 Ω per square at 2 coats

TYPICAL INSTALLATIONS INCLUDING:

- Electrical industry
- Petrol/ Chemical industries
- Water treatment plants
- Hospitals
- ATEX Environments e.g oil rigs, sewers, mines
- And many other industrial uses

The 3823- 2 component coating is showing excellent mechanical properties that can withstand wear and impact, and is also resistant to a wide range of chemicals, including:

- Fats
- Oils
- Acids
- Solvents
- Alkalis

The electrical properties of the paint are permanent and independent of humidity, additionally a conductive underlay is not required for grounding the system. The 3823 provides the option of directly grounding racking/shelving used for storing ESD'S (electrostatic sensitive devices) to the floor.

For grounding applications for personnel the product is best used in conjunction with suitable electrostatic dissipative footwear.

HOW TO ORDER

Part number

3823

2 component coating for floors 1L can