Product Data Sheet

Medal Paints (Pty) Limited
Cnr Main Reef Rd & Kelvin St
Industria, Johannesburg.
PO Box 1471
Crown Mines
2025.
Tel: +27 11 661 5700

MEDAL INDUSTRIAL EPOXY FLOOR PAINT	No	MEPF01
	Date	04/25

Medal products are manufactured to the highest quality and performance standards to ensure complete customer satisfaction.

DESCRIPTION

Medal Epoxy Floor Paint is a high quality dual-pack paint, used to protect concrete floors in Shops, Factories and Garage Floors. Suitable where heavy traffic such as Forklifts and Pallet trucks are present.

PRODUCT USES

- Interior floors made from concrete.
- Suitable for Garage, Factory & Shop floors and Cold Storage Rooms.

PRODUCT BENEFITS

- Stain & Dirt Resistant
- Good Durability
- Excellent Adhesion & Water Resistance
- Resists most Mineral Solvents, Petrol & Crude Oil
- Excellent Alkali Resistance
- Apply with Brush, Roller or Airless Spray
- Interior Use Only
- Quality Guaranteed

SURFACE PREPARATION

New Surfaces: Surface/s must be thoroughly clean, dry and in sound condition before commencing work.

Concrete Floors: Acid-wash the floor with a mixture of 4 parts Water to 1 part Medal Spirits of Salts. Apply with a soft broom or block brush, and leave for +/- 10 minutes, then rinse thoroughly off with clean fresh Water and allow to dry for 24 hours before commencing to paint for at least 2 days @ 22°C.

Previously Painted Surfaces: Thoroughly clean and prepare surface by removing all dirt, grease, grime and flaking paint before commencing work.

Concrete Floors: Remove all dirt, grease and grime with Medal A1 Degreaser, and rinse off with clean fresh Water. Sand down with sandpaper or use a paint remover (if necessary) to remove patches of old paint from the surface. Acid-wash the floor with a mixture of 4 parts Water to 1 part Medal Spirit of Salts. Apply with a soft broom, and leave for +/- 10 minutes, then rinse thoroughly off with clean fresh Water and allow to dry for 24 before commencing to paint for at least 2 days @ 22°C.

Warning: Wear protective clothing (ie; Overall; Goggles; Gun Boots; Gloves) when cleaning the surface with Medal Spirit of Salts.

* This product will chalk and degrade in extensive sunlight

APPLICATION

Mix 4 litres of base paint with 1 litre hardener and leave for 15-30 minutes. Add 10% Epoxy Thinners (as and when required) and mix thoroughly to obtain a workable consistency. Smaller quantities must be mixed to the same ratio. Apply two coats for best results, allowing 12-14 hours to dry between coats. Apply this product with a paintbrush, paint roller or airless spray using a +/- 500 ??m Tip. Clean tools (brushes & spraying equipment) with Medal Epoxy Thinners immediately after use.

COLOUR RANGE

Available in Grey and Brilliant Green.

SPREADING RATE

This product will cover approximately 6-8m² /litre, (un-diluted) depending on surface porosity.

TECHNICAL DATA

Type	Epoxy resin
Finish	Gloss
Drying Time @ 25°C	Touch Dry: 5 hours Hard Dry : 48 Hours
Re-coating Time	48 Hours
Pot Life	5 Hours@ 25°C Max (after which a soft jell sets in
Fully Cured	7 Days
Storage	Dry and Cool area
Pack Size	4l Base & 1Lt Hardener
Flashpoint	16°

PRECAUTIONS

- Do not apply if rain is imminent.
- Apply at an ambient temperature of 5 to 35°C.
- Keep out of reach of children.
- Wash hands with Thinners and Hot Soapy Water immediately after use.
- Skin or Eye contact: clean with fresh water and consult a physician if necessary.
- Wear protective clothing.
- Product is toxic – use in a well ventilated area.

GENERAL DATA

- This product has excellent impact (25MPA) and water resistance – can withstand continuous submersion.
- Suitable for most surfaces made from **"Concrete".**

QUALITY GUARANTEE

This product is quality guaranteed to last under normal conditions, provided that the "Instructions for Use" appearing on the reverse side of each can have been correctly followed by the customer.

The information given in this Product Data Sheet OR Safety Data Sheet is based on controlled laboratory tests and many years of experience. It is given in good faith, but no guarantee of any performance characteristic is given or implied. Medal Paints cannot be held liable for consequential damage of whatsoever nature that may arise from the use of Medal products. Paint technology is continuously being developed, and Medal Paints reserves the right to update product specifications without prior notice. Contact Medal Paints for further details on 0860 063 325.