



Sovereign Epoxy Floor Paint

A two-part epoxy resin based coating that offers excellent resistance and durability for walls and floors.



Product Code
30806174

Description

Sovereign Epoxy Floor Paint is a two-part epoxy resin based coating that offers excellent resistance and durability for walls and floors.

Sovereign Epoxy Floor Paint is solvent free, hence minimal odour and non-flammable. Sovereign Epoxy Floor Paint exhibits high abrasion and chemical resistance, is easy and quick to apply and greatly improves the aesthetics of a working environment in mid grey.

Sovereign Epoxy Floor Paint is suitable for walls and floors in both domestic and industrial situations. Areas of use include garages, factory floors, warehouses, bund walls, food industry, as well as many other applications.

Sovereign Epoxy Floor Paint is ideal for use in hygiene conscious applications such as food preparation or public areas.

Form Supplied: Two Part liquid

Pack Sizes: 5 kg

Colour Range: Grey

Properties

Sovereign Epoxy Floor Paint is very low odour and non-tinting. It provides a durable, long lasting and easy to clean finish with low maintenance costs.

The coating has good substrate penetration and is fast drying giving reduced downtime of installation. Chemically resistant to acids, alkalis and other aggressors.

Preparation

Substrate to be treated should be dry, sound and free from loose materials. New concrete should be at least 7 days old and power washed to remove any surface residues often formed during concrete curing.

Existing floors should have oil/grease removed with a proprietary cleaning solution and any damaged or worn areas repaired according to Sovereign's standard floor repair specifications.

Mixing: The base resin (Part A) should be stirred to disperse any settlement, and then the hardener (Part B) should be added to the base. A mechanical stirrer must be used to ensure thorough mixing of the components. Thorough mixing is essential to ensure an even cure and appearance.

Only mix sufficient material for area to be treated (see 'Coverage' overleaf). Mix in ratio 4 parts resin (A) to 1 part hardener (B).

Usage

Sovereign Epoxy Floor Paint is a 2-coat system. Material should be applied to the floor by brush or suitable roller. The second coat should be applied as soon as the first is dry enough to walk on.

It is advisable to thin the first coat with up to 10% water to aid substrate penetration. This is dependent upon the substrate porosity and topography.

If required a suitable aggregate can be applied in the second coat to give a textured finish. Sovereign recommend 10-15% by weight fine silica sand. A further coat of Sovereign Epoxy Floor Paint should then be applied.

Apply only at temperatures between 5°C and 35°C.



Sovereign Epoxy Floor Paint

Technical
Data Sheet **49**

SPECIFICATIONS

Pot Life:	2 hours @ 20°C
In-Service Time:	24 hours @ 20°C
Full Chemical Cure:	5-7 days
Application Temperature:	+5°C and 35°C
Approximate Coverage:	4 - 6 m ² /kg
SG:	1.20

Chemically Resistant at 20°C to:

- ✓ Concentrated Hydrochloric Acid
- ✓ Nitric Acid 25%
- ✓ Sulphuric Acid 50%
- ✓ Sodium Hydroxide (50%)
- ✓ Ammonia (88%) 10%
- ✓ White Spirit
- ✓ Methylated Spirit n Lubricating Oil n Petrol
- ✓ Sodium Hypochlorite (bleach)

DRYING TIME

Normally after 2 hours and certainly within 24 hours.

CLEAN UP

All equipment should be cleaned immediately after use with water.

COVERAGE

Sovereign Epoxy Floor Paint is available in a 5 kg combination pack (4 kgs resin plus 1 kg hardener). One 5kg tin covers approximately 12 m² using two coats. Coverage will be lower for coarse or porous surfaces.

Storage: Between 5°C - 30°C.

Shelf Life: 12 months unopened.

HEALTH & SAFETY

- ! Part A**
Avoid contact with eyes. In case of contact with eyes rinse immediately with plenty of water and seek medical advice. Wear suitable protective clothing, gloves and eye/face protection. In case of accident or if you feel unwell seek medical advice immediately.
- ! Part B**
Irritating to eyes and skin.
May cause sensitisation by skin contact.
Toxic to aquatic organisms.
May cause long-term adverse effects in the aquatic environment.
- ! Avoid contact with skin and eyes.** After contact with skin wash immediately with plenty of water. Wear suitable protective clothing, gloves and eye/face protection. Avoid release to the environment.



Health & safety information
available on request



Important Disclaimer

The information given is in good faith based on experience and usage, however all recommendations are made without warranty or guarantee, since the conditions of use are beyond our control. All goods are sold in accordance with our Conditions of Sale, copies of which are available on request. Customers are advised that product, techniques and codes of practice are under constant review and changes occur without notice. Please ensure you have the latest updated information.



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