

Ivory 402 Resin Floor Hardener & Sealer

Description

An amber coloured solvent based single component, moisture cured polyurethane sealer, which deeply penetrates, binds and seals cementitious substrates to form a tough and flexible film providing excellent resistance to chemicals and abrasion.

Uses

A surface dressing and sealer for cementitious substrates to provide a dust free, easy to clean surface. A sealer for wooden floors and shutter boards.

Advantages

- Single Pack product - easy application.
- Fast drying enabling the application of up to three coats in one day.
- Extremely durable providing extended life.
- Prevents ingress of grease and oils dramatically reducing cleaning costs.
- Excellent scratch and impact resistance.

Resistance

Films of Ivory 402 are resistant to spillages of dilute solutions of most inorganic and organic acids, alkalis and selected solvents. The product will discolour on exposure to U.V. light.

Preparation

All surfaces must be clean, sound, laitance and dust free and have a maximum moisture content of 4%. Concrete surfaces to be prepared by abrasive blasting or grinding to achieve a profile similar to medium grit sand paper. The use of Ivory Concrete Etchant should only be considered as a last resort and should only be considered as a last resort and should be discussed with Ivory's Technical department as to the suitability and procedure.

Application

Apply by brush, roller or airless spray two coats of Ivory 402 at the recommended coverage rate allowing a minimum drying period of 2 hours between coats. A maximum over coating of twelve hours must be strictly adhered to.

Technical Information

The figures that follow are typical properties achieved in laboratory tests at 20 °C and at 50% Relative Humidity.

N° of components	1
Finish	Un-pigmented gloss
Volume Solids	43%
Theoretical Coverage per Coat:	
First Coat	5m ² /ℓ
Subsequent Coats	8m ² /ℓ
Recommended N° of Coats:	2 or 3
D.F.T. per Coat:	50 microns at 8m ² /ℓ
Apply By:	Brush, Roller or Airless Spray
Over coating Time:	2 hours minimum 12 hours max
Thinning:	Add 15% Ivory 402
Thinners to first coat when applying to dense substrates.	
Temperature:	
Application	5 to 30 °C
Service	Dry 80 °C
Cleaner:	Ivory W.S.B.C.
Shelf Life:	6 months in sealed containers.

Specification

Prepare and prime surfaces and apply two coats of Ivory 402 all in accordance with the manufacturers' detailed instructions.

Caution

Ivory 402 contains flammable solvents. Ensure adequate ventilation and safety precautions during application. Ivory 402 is moisture sensitive and must not be applied should atmospheric conditions exceed 85% relative humidity. Ensure that all part-used containers are tightly sealed excluding any air to prevent the product from hardening.

Health & Safety

Some of the components of this product may be hazardous during mixing and application. Please consult the relevant Health & Safety Data Sheet available from Flowcrete on request and sent with each delivery.