



PROTECTIVE

PAINTS

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776- Concrete Floor Seal

777-000-Hardener

PRODUCT DESCRIPTION AND USES

Protective Paints Concrete Floor Seal is a heavy duty durable coating which will withstand mild acids, solvents, petrol and oil. This coating has been designed for new concrete surfaces aged for at least 28 days from pouring, or previously uncoated surfaces. Concrete Floor Seal displays excellent penetration qualities which allows a good key and a fast recoat time of 4 hours. (Normally two coats are recommended to give the best protection and depth of colour). Concrete Floor Seal is not recommended for heavy industrial applications.

PHYSICAL PROPERTIES

Colour/Texture	Available in light and mid Grey. Satin finish
Volume Solids	Mixed - 26%
Product Density	Mixed - Approximately 1.0kg/litre dependant on colour
Mixing Ratio	1 part base to 1 part Fina Glow by volume. Ensure mixing ratio is correct
Potlife	12 hours plus
Drying Time	Touch Dry: 1-2 hours Hard Dry: 4-7 days depending on substrate and weather conditions
Recoat Time	After 4 hours curing you are able to recoat to build up colour density and a protective finish
Flash point	29°C

SURFACE PREPARATION

Ensure that the concrete surface and underlying areas are dry. If any oil, grease or contaminants are eminent then prepare the surface with Protective Paints Hydrochloric Etch which opens the pores of the concrete surface and ensures good adhesion. If you have to etch, then vacuum or sweep up excess contamination. Do not apply in wet conditions. If washing etch off the surface, ensure to allow sufficient time for the floor to dry thoroughly before coating.

NB: Hydrochloric Etch is a severe corrosive, and therefore beware as any metal or tools will oxidise on contact with fumes or liquid. **Ensure that eyes and skin are protected during use, and area is well ventilated.**

APPLICATION DATA

Special Concrete Floor Seal can be applied by spray or roller to approximately 25 microns D.F.T, and the first coat should be touch dry within one hour. After four hours curing recoat. Two coats should be adequate, however in more porous areas a third coat may be required. If so the second coat should be left to cure for eight hours, scuffed with 160 grit sandpaper, and a finish coat applied. You may subject the area to light traffic after 8 hours, and heavy traffic after several days. The cure process continues for approximately eight days.

Recommended D.F.T	40 microns
Recommended W.F.T	75 microns/coat
Theoretical Spreading Rate	Approximately 7-9m ² /litre depending on porosity of substrate and weather conditions
Thinners	Fina Clean although thinning is not usually required
Packaging	Base: 4L, 20L Hardener: 4L, 20L

HEALTH AND SAFETY

Irritant

Avoid contact with skin and eyes. Avoid breathing vapour or sanding dust. When using this product it is recommended that full overalls, gloves, face mask and goggles be worn. Store container in a safe place when not in use. Do not burn container.

FIRST AID

EYES

Flush with water for at least 15 minutes and seek medical advice.

SKIN

Wash contact areas with soap and water. Remove all contaminated clothing, and seek medical advice. Do not scrub.

INHALATION

Remove patient from further exposure, and keep patient warm and comfortable.

INGESTION

Do not induce vomiting. Rinse mouth with water. Seek medical advice as soon as possible.

TRANSPORTATION AND DISPOSAL

Class

3

Hazchem Code

•3YE (3); •3Y

UN No

1263

Packing Group No

III

Fire Extinguishing Media

CO₂, Foam, Dry Chemical

Fire Fighting Procedure

Fire fighters should wear self contained breathing apparatus. Fight fire from a protected location as product may explode on heating. The vapours are heavier than air, so may travel along the ground to accumulate in low areas. Fire may flash back along vapour trail, and can also react with oxidising agents.

Spills should be cleaned up immediately by using sand or other non-flammable absorbent materials. Ensure material does not enter waterways.

Dispose of empty containers in accordance with local by laws.

OTHER INFORMATION

This product may be used for a wide variety of surfaces. If the surface you propose to paint is not referred to, contact Protective Paints Technical Department for classification.

For further technical information please phone 0800 724 684.

RELIABILITY OF INFORMATION

All statements and technical information contained herein are based on tests we believe to be reliable but the accuracy thereof is not guaranteed. Since Protective Paints Ltd has no control over product application, purchasers and users must confirm the suitability of our products under their conditions to meet their own requirements.

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