

Specification Sheet



777-000 – FINA GLOW POLYURETHANE

PRODUCT DESCRIPTION AND USES

Fina Glow represents an enormous advance in the technology of clear coatings. The coating has the ideal balance of hardness and resilience required for heavy traffic floors in the home or in public buildings. A Fina Glow floor never needs waxing. The finish does not scuff, and will require washing to maintain the original lustre. It also displays good solvent, chemical and water resistance. Fina Glow cures by utilising atmospheric moisture to promote the hardening reaction, and even the driest climate will provide the necessary moisture. Fina Glow is most often used as a floor coating for timber, particle board and cork tiles. It is also used on work benches, desks, shelving, wall panelling, or on areas subjected to heavy use. The finish is a high gloss but can be flattened off to a satin by adding 778-010 Moisture Cure Flattening Agent to the recommended ratio of 4 parts Fina Glow to 1 part Flattening Base. The number of coats must be related to the expected severity of service, but will not be less than 3 coats on a new floor.

NB: Fina Glow is not recommended for exterior use.

PHYSICAL PROPERTIES

Colour/Texture	:Clear - Gloss or Satin as required.
Volume Solids	:40%.
Product Density	:99kg/litre.
Pot Life	:Fina Glow is not stable in part containers, especially if they have been left open to the air. Every attempt should be made to use the contents of the tin within 48 hours after opening.
Drying Time	:Touch Dry - 4 hours. :Hard Dry - 8 hours.
Recoat Time	:8 hours minimum.

NB: A minimum of 24 hours should elapse before a freshly coated floor is subjected to light traffic. After a week the finish coat will have obtained its maximum durability.

Flashpoint	:29°C.
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SURFACE PREPARATION

Sanding machines can be used to provide a surface which is free from ridges and/or loose flaking coats. All nail holes should be filled with a solvent resistant putty. When refurbishing a previously coated floor which has worn through to the wood the whole area of the floor must be sanded back to the wood. If the coating is worn but still intact, sanding back will be sufficient provided that the floor is scrubbed or wiped over with Fina Clean Thinners. It is generally desirable to sand the floor to provide a wooden surface which is smooth with a good 'key' for proceeding coats. Sanding procedures will vary depending on the flooring materials, but with most types of timber floors fine finishing's paper can cause undesirable burnishing which may prevent good adhesion of the first coat of Fina Glow. In general a paper not finer than 80 grit should be used before the first coat of Fina Glow. Special attention must be given to any concentration of wax at the corners of a room. These and any other contaminants must be removed by washing as required. In all cases the floor must be dry and dust free before the Fina Glow is applied. New particle board floors must be sealed before the application of subsequent coats. A first coat of Fina Seal is recommended.

APPLICATION DATA

Fina Glow is applied in multi-coat systems by means of a wide soft bristled (150mm) brush. Fina Glow is ready for use, and should only require thinning when used as a first coat. A small amount of Fina Clean Thinners will be sufficient (maximum 50mls per 4 litre can of Fina Glow).

Recommended D.F.T. :30 microns/coat (3 coats recommended).

Recommended W.F.T. :75 microns/coat (3 coats recommended).

Theoretical Spreading Rate :7.5m²/litre.

Thinners :Fina Clean.

NB: A Brush Soak is also available for heavy build ups on brushes, but brushes must be cleaned and thoroughly dried before being subjected to Fina Glow as the Brush Soak will effect the Polyurethane. Brush Soak should not be used to thin Fina Glow.

Ventilation :Adequate ventilation must be provided. Open all doors and windows, and do not smoke while using Fina Glow.

The major points to note with multi coat applications of Fina Glow are that the fully cured film does not offer very good adhesion for the next coat. To obtain good adhesion coats are applied with a minimum delay between applications.

Sanding back lightly by means of a disc machine is required.

(a) Apply a coat of Fina Glow by means of a wide brush with soft bristles, or a special applicator at a rate of approximately 30m²per 4 litre can. In warm weather it will be necessary to work quickly in order to keep a wet edge of liquid across a wide floor area.

(b) When the floor is sufficiently dry (8-24 hours), sand the surface using a paper no finer than 120 grit. Vacuum off carefully in order to remove dust from between boards and skirting areas.

Maintenance of Floors :Waxing is desirable to extend the life of the coating, particularly after the second year of service, but regular sweeping and washing to remove abrasive particles is most important.

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 are worn. Store container in a safe place when not in use. Do not burn container. :Product contains reactive isocyanate and therefore is not recommended for spray application without full breathing apparatus.
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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	:3b.
Hazchem Code	:3[Y].
UN No	:1263.
Packing Group No	:III.
Fire Extinguishing Media	:CO 2 , 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.