

777-000 Fina Glow

PRODUCT DESCRIPTION AND USES

Fina Glow is a clear coating that provides the ideal balance of hardness and resilience required for heavy-traffic floors in both homes and public buildings. A Fina Glow floor never needs waxing, resists scuffing, and only requires washing to maintain its original lustre. It also offers strong resistance to solvents, chemicals, and water.

The coating cures by using atmospheric moisture to drive the hardening reaction, and even the driest climates provide enough moisture for the process. Fina Glow is most commonly applied as a floor coating on timber, particle board, and cork tiles, but it is also suitable for work benches, desks, shelving, wall panelling, and other high-wear surfaces.

All moisture curing polyurethanes produced by Protective Paints Ltd contain low free isocyanate levels and do not contain Xylene providing a safer working environment for the applicator.

PHYSICAL PROPERTIES

Colour/Texture	Amber/Gloss
Size	1L, 4L, 20L
Volume Solids	43%
Drying Time (25°C)	Touch Dry: 2 hours Hard Dry: 8 hours
Recoat Time	Minimum: 6 hours
Full Cure:	7-10 days
Reactive NCO	3%
Free TDI	0.05%
Solvent	Ketone/Aromatics
Taber Abrasion	28 C.S 17 + 1kg wt. 1,000 revolutions
Flash point	34°C

SHELF LIFE

An unopened container has a shelf life of approximately twelve months from the date of manufacture. Once opened, the contents react with moisture in the air creating thickening and eventually solidification. This process may occur in as little as 24 hours or up to 6 weeks after opening depending on storage conditions. Ensuring the lid is replaced immediately after use will minimise exposure to air and therefore assist with storage stability.

Do not replace unused contents back into the container.

SURFACE PREPARATION

Proper surface preparation is essential to achieve a professional finish. Ensure all dust, dirt and other contamination is removed prior to coating.

New/Previously Uncoated

The timber must be sanded to provide a surface which is smooth with a good 'key' for the coating system. Sanding procedures will vary depending on flooring materials however with most types of timber, a fine finishing paper can cause undesirable burnishing which may prevent good adhesion of the first coat (refer sanding guide).

Make several cuts with the sandpaper increasing paper fineness with each cut. The final cut should be no finer than 100-120 grit.

NB: For best results ensure not to increase more than 2 grit sizes per cut i.e. 24#-40#, 40#-80# etc.

Previously Sealed or Coated

Ensure compatibility of product to existing coating prior to application.

Poor Condition

If previous coating has worn through to the substrate the entire floor must be sanded back to bare substrate and treated as for previously uncoated surfaces.

Good Condition

If coating is worn but still intact, sanding back with a 150#-240# screen disc or paper is sufficient. Vacuum entire area to remove dust.

Concrete

Unsealed and untreated concrete must cure at least 30 days. Etch concrete using Protective Paints 736-080 Hydrochloric

Etch and wash thoroughly with clean water to neutralise. Allow to dry thoroughly before application of coating system.

May be applied by soft bristled (250mm-300mm) brush, 6mm mohair roller or applicator. Spraying may be an option however full respiratory air mask and safety equipment must be used.

Do not apply when temperature or substrate is below 10°C, above 30°C or when it is extremely hot and dry.

Recommended D.F.T	28 microns
Recommended W.F.T	70 microns
Recommended No. of Coats	3-4
Theoretical Spreading Rate	6-8m ² /litre
Thinners	Portco 2K Thinner
Clean Up	Portco 2K Brushwash

Brush Wash inhibits the cure of the polyurethane, and it is therefore essential equipment is thoroughly dry prior to application of polyurethane. Brushwash must not be used to thin Fina Glow.

Fina Glow is supplied *ready for use and should not generally require thinning unless being utilised as a sealer. If product has thickened or is drying faster in warmer conditions, a small amount of 2K Thinner may be used to ease viscosity and extend wet edge.

Where Portco is being used as a sealer on bare timber it should be thinned approximately 25% with 2K Thinner.

*It is recognised that although products are produced at the viscosity we feel is best for the intended purpose, applicators may have individual requirements that better suit their technique. Remember, as the coating is thinned, the solids, gloss and build of the product are reduced which may necessitate a further coat.

Method

Ensure moisture content of timber is between 12% -15% before polyurethane is applied. Ensure all dust and other contaminants are removed prior to coating.

On Bare Timber (Excluding Particle Board and Strand Board)

A diluted coat of Fina Glow should be used as a sealer - refer details on thinning.

Apply Fina Glow at a spreading rate of 6-8 square metres per litre using the recommended equipment.

When floor is sufficiently dry (8-24hours), sand the surface using a paper no finer than 150#.

Vacuum off carefully in order to remove dust from between boards and skirting areas.

Repeat the procedure above until 3-4 coats have been applied.

A 240# disc can be utilised to sand the surface prior to the final application of Fina Glow.

Notes

Do not apply Fina Glow when temperature or substrate is below 10°C, above 30°C or when it is extremely hot and dry.

Ensure dust masks are worn whilst sanding floor and organic cartridge mask whilst coating.

Where quicker cure is required, refer specification sheet 778-020 MC Standard Catalyst. Where additional UV protection is required, refer specification sheet 778-040 UV additive.

A minimum of 24 hours should elapse before a freshly coated floor is subjected to light traffic.

HEALTH AND SAFETY / STORAGE

For detailed information refer to the product label or SDS, available on request.

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.

The information concerning the use and application of this product is intended for use by professional specifiers and applicators, is given in good faith and is believed to be correct at the date of issue. Protective Paints Ltd reserves the right to alter the product or specification without notice. The user should check the date of issue, and if more than 24 months have elapsed, should verify with our nearest sales office that the information is still current. Because we cannot control the way these products may be used, or the conditions they may be exposed to, we can give no express guarantees in respect of the performance of this product. However certain guarantees may be implied by law.

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