

777-050

Portco Floor Finish Gloss

PRODUCT DESCRIPTION AND USES

A single pack moisture cure floor finish for use on timber, cork and parquet. The coating provides the ideal balance between hardness and resilience required for heavy traffic floors in the home or in public buildings.

Portco gloss is designed as a low viscosity polyurethane suitable for application by brush or roller. Portco gloss provides excellent wet edge during application and positive through dry.

All polyurethanes produced by Protective Paints Ltd contain low free isocyanate levels and do not contain xylene providing a safer product for the applicator.

PHYSICAL PROPERTIES

Product Type	ASTM, Type II
Colour (Gardener)	1-2
Gloss	High gloss
Volume Solids	40-42%
Reactive NCO	3%
Free TDI	0.5%
Solvent	Ketone/aromatic blend (xylene free)
Flash point	34°C
Potlife	Portco Floor Finish is not stable in part containers, especially if they have been left open in the air.
Drying Time	Touch Dry: 3-4 hours in ambient temperatures Hard Dry: 8 hours in ambient temperatures
Recoat Time	Minimum: 6 hours

*NB: A minimum of 24 hours should elapse before a freshly coated floor is subjected to light traffic. After 7 days, the finish coat will have obtained its maximum durability.

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 Portco 2K 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 paper can cause undesirable burnishing which may prevent good adhesion of the first coat of Fina Glow. In general a paper not finer than 100# should be used before the first coat of polyurethane.

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 Portco Floor Finish is applied.

New particle board floors must be sealed before the application of subsequent coats.

APPLICATION DATA

Portco Floor finish can be applied over the following sealers to provide a more rapid film build.

Superseal - Cork tiles, Soft timbers

Portco 2K FD Sealer - Hard timbers

Portco Moisture Cure can be used as a sealer by diluting the first coat by 20% with Portco 2K Thinners.

Recommended D.F.T	30 microns/coat (3 coats recommended)
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Recommended W.F.T	75 microns/coat (3 coats recommended)
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Theoretical Spreading Rate	6-8m ² /litre
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Thinners	Portco 2K Thinners
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NB: A brushwash is available for heavy build ups on brushes, but brushes must be cleaned and thoroughly dried before being subjected to Portco Floor Finish as the brush soak will affect the polyurethane.

002.034 2K Magic Brushwash should not be used to thin Portco polyurethane.

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 Portco Floor Finish 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.

- Apply a coat of Portco Floor Finish by means of a wide brush with soft bristles, mohair roller or a special applicator at a rate of approximately 24-32m² per 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.
A small amount of Portco 2K Thinners can be used to extend the wet edge.
- When the floor is sufficiently dry (8-24 hours), sand the surface using a paper no finer than 180#. Vacuum off carefully in order to remove dust from between boards and skirting areas.

Maintenance of floors

Regularly wash floor using a solution of Methylated Spirits (10%) in hot water.

Regularly sweep floor to remove abrasive particles.

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; •3Y
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.

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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