

777-056

Portco Floor Finish Satin

PRODUCT DESCRIPTION AND USES

Portco Floor Finish Satin is a low viscosity, single pack, subdued gloss moisture cure polyurethane for interior use on timber, parquet cork (excluding coloured cork) particle board, strand board and concrete. Portco Floor Finish Satin provides excellent wet edge during application and positive through dry.

Portco Floor Finish Satin produces an attractive finish which enhances the natural appearance of interior floors.

Polyurethane Satin produced by Protective Paints Ltd contain low free isocyanide levels and are free of xylene providing a safer product for the applicator.

TYPICAL USES

Cork (Excluding coloured cork)
Parquet
Timber
Particle Board
Strand Board
Concrete

PHYSICAL PROPERTIES

Colour/Texture	Opaque/Satin
Gloss Level	42%±3%
Solids	37%
Reactive NCO	3%
Free TDI	0.5%
Flash point	34°C
Mixing Ratio	Not Applicable
Potlife	Not Applicable
Drying Time	Touch Dry: 2-3 hours (ambient temperatures) Hard Dry: 8 hours (ambient temperatures)
Recoat Time	Minimum: 8 hours
Full Cure	7-10 days
Packaging	1L, 4L, 10L, 20L
Shelf Life	Portco Floor Finish is not stable in part containers, especially if they have been left open in the air. Once the can is opened, the product should be utilised within 2-4 weeks depending on storage. An unopened container has a shelf life of approximately twelve months from the date of manufacture.

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

SURFACE APPLICATION

- Proper surface preparation is essential to achieve a professional finish.
- Ensure a solvent resistant filler is used for filling of nail holes.

Refer technical note for additional information on surface preparation.

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'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 100 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 EQUIPMENT

Portco Floor Finish Satin can be applied using a soft bristle (250-300mm) brush, 6mm mohair roller or applicator.

APPLICATION DATA

Portco Floor Finish Satin is generally only utilised for the final coat/s to provide the desired sheen. Refer system guide for details on suitable build coats.

Recommended D.F.T	30 microns/coat (3 coats recommended)
Recommended W.F.T	80 microns/coat (3 coats recommended)
Recommended No. of coats	1-2 (Refer system specification)
Theoretical Spreading Rate	9m ² /litre
Thinners	Portco 2K Thinners
Clean Up	Portco 2K Brushwash

N.B: Brushwash inhibits the cure of the polyurethane and it is therefore essential equipment is thoroughly dry prior to application of polyurethane. Brushwash cannot be used to thin Portco Satin.

Thinners as Fina Glow

APPLICATION METHOD

Ensure moisture cure content of the timber is between 12-15% before polyurethane is applied.

Mix contents thoroughly to ensure an even finish is achieved.

Ensure all dust, dirt and other contaminants are removed prior to coating.

Portco Satin is generally utilised as the final coat in a system and therefore relevant specification sheets must be consulted in conjunction with this specification sheet.

Refer technical note reglaze procedure for the coating of a previously finished floor.

Apply Portco Satin at a spreading rate of 8-10m²/litre ensuring an even finish is achieved.

Avoid over spreading product as this will lead to an uneven gloss being achieved.

Avoid applying Portco Satin in direct sunlight, excess heat or where an airflow is present as this will affect the dry and therefore evenness of gloss.

NOTES

Do not apply Portco Satin when temperature or substrate is below 10°C, above 30°C or when it is extremely dry and windy. Ensure dust masks are worn whilst sanding floor and organic cartridge mask whilst coating. Refer technical note on safety equipment. Where additional UV protection is required, refer specification sheet for UV additive.

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

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.

SYSTEM SUMMARY

SUBSTRATE	SYSTEM	1 ST COAT	2 ND COAT	3 RD COAT
Particle Board/ Strand Board	3 Day	777-065 Portco Hi Build	777-065 Portco Hi Build	777-056 Portco Satin
	Or	777-000 Fina Glow	777-000 Fina Glow	777-056 Portco Satin
Timber/Parquet	2 Day-soft timber	999-050 Superseal	777-065 Portco Hi Build	777-056 Portco Satin
	2 Day-hard timber	772-2K FD Sealer	777-065 Portco Hi Build	777-056 Portco Satin
	3 Day	777-065 Portco Hi Build (Diluted 30%)	777-065 Portco Hi Build	777-056 Portco Satin
Cork (excluding coloured cork)	2 Day	999-050 Superseal	777-065 Portco Hi Build	777-056 Portco Satin
	3 Day	777-065 Portco Hi Build	777-065 Portco Hi Build	777-056 Portco Satin
Concrete	2 Day	779-000 Poly CFS	777-065 Portco Hi Build	777-056 Portco Satin

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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