



PROTECTIVE

PAINTS

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999-050

Portco Super Seal

PRODUCT DESCRIPTION AND USES

Super Seal is a single pack fast drying, thermoplastic co-polymer sealer for cork, soft timbers and parquet. Super Seal is a low viscosity penetrating sealer which will create and maintain a light coloured finish, (i.e. minimise the darkening effect of the polyurethane finish). Super Seal is designed to be applied as a thin base coat under Protective Paints aromatic moisture cure polyurethane. Super Seal is not recommended under Duralon Waterbased and Non Yellowing Polyurethanes.

•Refer also technical note *** sealers

Typical Uses	Interior
Cork (Excluding Coloured Cork)	
Parquet (Soft Timbers)	
Strip Timber-Soft	

•Refer Timber guide for classification

PHYSICAL PROPERTIES

Colour/Texture	Amber/Flat
Gloss Level	Not Applicable
Solids	11%
Reactive NCO	Not Applicable
Free TDI	Not Applicable
Flash point	4.4°C
Mixing Ratio	Not Applicable
Potlife	Not Applicable
Drying Time	
(Ambient Temperatures)	Touch Dry: 20-30 minutes Hard Dry: Not Applicable
Recoat Time	20-30 minutes
Full Cure	Not Applicable

SHELF LIFE

Super Seal has a shelf life of approximately twelve months from the date of manufacture. Once the container is opened, the contents will remain stable/useable for the entire period of the shelf life provided the lid is replaced immediately after use. Do not return unused product to 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/cork must be sanded to provide a surface which is smooth with a good key for the sealer. 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 to sanding guide).

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

NB: For best results ensure not to increase more than 1 grit size per cut i.e. 24#-40#, 40#-80#. Previously Coated Super Seal is not recommended for use over existing coatings and therefore should only be utilised where the existing coating is sanded back to bare timber.

APPLICATION EQUIPMENT

Super Seal can be applied using a soft bristle (250mm-300mm) brush, or 6mm mohair roller.

APPLICATION DATA

Recommended D.F.T	5 microns
Recommended W.F.T	50 microns
Recommended No. of Coats	1
Theoretical Spreading Rate	
Cork tiles:	9-10m ² /litre
Timber:	12-14m ² /litre
Thinners	2K Thinners
Clean Up	2K Thinners/2K Brushwash

APPLICATION METHOD

Ensure moisture content of the timber is between 12-15% before Super Seal is applied. Mix contents thoroughly taking care not to introduce aeration to the product. Ensure all dust, dirt and other contaminants are removed prior to coating.

Apply one liberal coat of Super Seal, allow to dry and overcoat with Protective Paints polyurethane -refer to system recommendations for suitable topcoats.

The thermoplastic nature of Super Seal allows the coating to be left for extended periods of time prior to being overcoated. This situation generally does not arise however provides the flexibility of being able to overcoat Super Seal without the concern of intercoat adhesion. Super Seal is designed to not require sanding prior to overcoating as the risk of sanding through a thin sealer is very high. Where the sealer is removed through sanding, dark patches will result when over coated with a moisture cure polyurethane.

NOTES

Ensure dust masks are worn whilst sanding floor and organic cartridge mask while coating. Refer technical note on safety equipment.

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.
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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	3
Hazchem Code	•3Y (3); •3Y
UN No	1263
Packing Group No	II
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.

PRODUCT WARRANTY

Refer to Protective Paints Technical Note # Product Warranty.

SYSTEM SUMMARY

SUBSTRATE	SYSTEM	FINISH	1 st COAT	2 nd COAT	3 rd COAT	4 th COAT
Timber/Parquet Cork	2/3 Day	High Gloss	999-050 Super Seal	777-000 Fina Glow	777-000 Fina Glow	777-000 Fina Glow
			999-050 Super Seal	777-065 High Build	777-065 High Build	777-065 Hi Build
		Gloss	999-050 Super Seal	777-050 Portco Gloss	777-050 Portco Gloss	777-050 Portco Gloss
		Semi Gloss	999-050 Super Seal	777-065 Hi Build	*777-055 Semi Gloss	
		Matt	999-050 Super Seal	777-065 Hi Build	*777-057 Portco Matt	

*An additional coat of 777-065 Hi Build can be utilised to provide better build prior to the application of the subdued gloss finish.

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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