TIMBERSEAL PS

LOW VISCOSITY WOOD PENETRATION PRIMER

TIMBERSEAL PS is a low viscosity, solvent free **epoxy wood primer** which penetrates into timber saturating it before curing. Its primary use is as a primer under other coatings but it can also be used for the restoration of old timber by the resin impregnation technique or in new construction as a pre-treatment for epoxy glued joints.

ADVANTAGES OF TIMBERSEAL PS

- Low viscosity and slow cure promotes penetration into timber
- Natural tall (wood) oil in the hardener provides flexibility and compatibility with timber.
- Excellent adhesion to teak and even to damp wood, far greater than conventional primers.
- Economical, no more expensive than many conventional coatings.

SUBSTRATE PREPARATION Timber should preferably be clean and dry. TIMBERSEAL PS will adhere well to damp timber but a high moisture content will inhibit the product from soaking into the timber. Any grease or oil must be removed using a suitable solvent and any existing coatings should be either removed or sanded to provide a key.

APPLICATION CONDITIONS TIMBERSEAL PS is a low viscosity coating so is easy to use even at lower temperatures. However epoxy coatings should not be applied in temperatures of less than 7°C or in very high humidity.

MIXING TIMBERSEAL PS resin should be pre-mixed in the tin before the hardener is added, preferably with an electric mixer. After the hardener has been added to the tin mix for at least 2-3 minutes, pay particular attention to the sides and bottom corners of the tin to ensure that all materials are thoroughly incorporated.

When mixed, the resin and hardener will start to react, generating heat. This will then accelerate the reaction. The greater the mass of epoxy, the more heat will be generated and the shorter the pot life. If you require a smaller quantity or are unable to use all of the material within its pot life, weigh out resin and hardener in the proportions specified on the label using digital kitchen scales. Please see our website for more information on the proper mixing of epoxy resins.

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APPLICATION Timberseal PS should be applied liberally by brush, roller or spray. In order to saturate the wood with resin it should be reapplied as it soaks into the timber. The product will remain fluid on a timber surface for several hours once saturated.

OVER-COATING Timberseal PS must be over- coated within the times shown in the table overleaf according to the ambient temperature. If it is allowed to cure beyond the maximum over-coating time, glossy areas must be abraded.

This boat was restored by Marcus Lewis using Tomberseal PS and Timberseal CV www.woodenboatbuilder.co.uk

Xymer Technology, Drinnick House, St Georges Road, Nanpean, St Austell. PL26 7XR
07910 117144 Buy online at Resinstore.uk email admin@resinstore.uk

TIMBERSEAL PS

TIMBERSEAL PS - Specification	
Type	Low viscosity epoxy resin
Mix ratio	2 parts of resin to 1 part hardener, by weight
Hardener	Xyamine 550
Resin Density	1.05 gms/cc
Coverage	- 10 M^2 per litrek
Finish	Matt to gloss, depending on the porosity of the substrate
Solvent	None required.
Colours	Clear
Pack sizes	1, 2.5 and 5litre Packs
Shelf Life & Storage	12-18 months in original, unopened container. Store in cool, dry conditions

TIMBERSEAL PS - Drying times						
Temperature °C	5 to 15		15 to 25		25+	
Pot Life	50-70 minutes		40-50 minutes		30-40 minutes	
Touch Dry	8-10 Hours		6-8 Hours		4-6 Hours	
Overcoating Time	Min	Max	Min	Max	Min	Max
	8 Hours	4 Days	6 Hours	3 Days	4 Hours	2 Days

Please visit our web site at resinstore.uk for details of our other products. They include resins and coatings for marine, industrial and flooring

COVERAGE
It is the applicators responsibility to ensure that the correct coverage is achieved.

We recommend that the area that should be covered by one pack of coating is marked out. Adjust the application rate to ensure that the marked area is covered by the entire contents of a pack. Porous or rough substrates will require more product than regular substrates.

HEALTH & SAFETY
Please see the Safety Data Sheet for full information. All users should ensure appropriate protective measures are adhered to when applying our products.

DISCLAIMER
Customers are advised to thoroughly read and adhere to the instructions provided to ensure the products' optimum finish and performance. All information is based on results gained from experience and tests and is believed to be accurate but is given without acceptance of liability for loss or damage attributable to reliance thereon as conditions of use lie outside our control. Any deviation by the user to these instructions may affect the products performance and is therefore not advised. In this circumstance, Xymertec will not be held responsible and will be unable to offer any product replacement. Users should always carry out sufficient tests to establish the suitability of any products for their intended applications.

We aim to ensure consistency of colour in production (where applicable), however slight variations in shade may occur from batch to batch.

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