

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.

- **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.**

TIMBERSEAL PS is preferably applied to dry wood but will adhere well to damp timber. However a high moisture content will prevent TIMBERSEAL PS soaking into the wood.

TIMBERSEAL PS has a pot life of 1.5 hours at 20°C but will remain fluid on a timber surface for several hours. The hardener contains a wood oil that gives TIMBERSEAL PS natural flexibility and toughness combined with the strength and durability of epoxy.



This 2 metre diameter teak bath was primed with Timberseal PS to ensure that the polyurethane varnish had the best possible adhesion.

APPLICATION TIMBERSEAL PS must be mixed thoroughly. Either mix all of the resin with all of the hardener or if you are unable to use all of the material within its pot life, weigh out resin and hardener in the proportions specified on the label. Ensure that the material is mixed well. TIMBERSEAL PS should be applied liberally by brush, roller or spray to clean timber that is free from oil or other contamination. In order to saturate the wood with resin it should be re-applied as it soaks into the timber.

OVER-COATING TIMBERSEAL PS must be over-coated within the times shown in the table below according to the ambient temperature and the hardener used. If it is allowed to cure beyond the maximum over-coating time glossy areas must be abraded before applying further coatings.

OVER-COATING TIMES						
TEMPERATURE °C	5 TO 15		15 to 25		25 +	
HARDENER	SYNTAC 1045		SYNTAC 1043		SYNTAC 1040	
	Min	Max	Min	Max	Min	Max
TIMBERSEAL PS	8 hours	4 days	5 hours	3 days	4 hours	2 days
TIMBERSEAL UC	12 hours	4 days	6 hours	3 days	5 hours	2 days

[Please visit our web site at www.reactiveresins.com](http://www.reactiveresins.com) for details of our other products. They include resins and coatings for marine and industrial applications.