

SAFEGUARD PS

LOW VISCOSITY PRIMER-SEALER

SAFEGUARD PS is a low viscosity, two component epoxy primer-sealer developed for application to GRP or existing coatings. It contains special additives to ensure permanent adhesion to the substrate. It is intended for use as a primer for Copperplus but is also ideal for use where excellent adhesion of subsequent coatings or fillers is essential.

PREPARATION. The substrate must be clean, dry and free of grease, mould release agent or other contamination. If the surface is smooth or glossy abrade to a smooth mat finish to provide a key.

MIXING Epoxy resins and hardeners must be thoroughly mixed in the correct ratios to ensure complete curing of the product. Each can of REACTIVE RESINS coatings is supplied with the correct amount of hardener, all of which must be added to the can of resin and mixed well immediately before use. Do not try to accelerate or retard setting of the material by varying the amount of hardener used as this will cause the coating not to set at all, or to prematurely fail. Thorough mixing is also critical to the correct curing of the product and although small packs can easily be mixed by hand, a spiral mixer used in a pneumatic or cordless drill is essential for mixing larger packs. The pot life that is stated in each products



Digital kitchen scales are ideal for weighing out small amounts of material



Mix thoroughly with a spiral mixer used in a cordless drill

literature will depend on the ambient temperature. Pot life can be extended by pouring the mixed material into trays which will allow the exothermic heat generated by the curing reaction of the resin and hardener to dissipate. Do not mix more material than can be used within its pot life. If a smaller amount is required than is in a pack, the components must be accurately weighed in the proportions shown on the product label. Digital kitchen scales are ideal for this purpose and are much easier to use than the spring type. Simply tare off the scale, pour out an approximate amount of resin, calculate the amount of hardener required, tare off the scales again and accurately weigh out the hardener. Proportioning by eye or by volume is not sufficiently accurate to achieve reliable results.

APPLICATION SAFEGUARD PS can be applied by any method. If applied by roller it should be applied as thinly as possible to avoid forming roller stipple that would be detrimental to the finish. If the substrate is unacceptably rough a coat of EASY FAIR SEU can be applied over the SAFEGUARD PS and sanded smooth. Apply another coat of SAFEGUARD PS before continuing with the application further of coatings

OVER-COATING In order to obtain a chemical bond SAFEGUARD PS should be over-coated with COPPERPLUS or other coatings while it is still "green" but tack free. Please refer to the over-coating table below.

OVER-COATING TIMES						
TEMPERATURE °C	5 TO 15		15 to 25		25 +	
HARDENER	SYNAMIN 1045		SYNAMIN 1043		SYNAMIN 1040	
	Min	Max	Min	Max	Min	Max
SAFEGUARD PS	6 hours	2 days	5 hours	36 hours	4 hours	1 days

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