

# SAFEGUARD LVP

## LOW VISCOSITY PRIMER FOR GEL PEELED GRP

**SAFEGUARD LVP** is a clear, solvent free, low viscosity two component epoxy primer for peeled GRP. It will penetrate resin starved and porous areas of laminate, it contains additives that promote the displacement of air and bonding of the new coating to the existing resin and reinforcement.

**PREPARATION** The peeled GRP should preferably be shot blasted to remove any remaining soft spots, etch the surface and to provide a key for the new coatings. Dust the surface, preferably using clean, dry compressed air.

**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 is 30 to 90 minutes but 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.



**Porous laminate**



**Sound laminate**



**Applying Safeguard LVP**

**APPLICATION** Any areas of porous laminate should first be treated by applying SAFEGUARD LVP and keeping the area saturated in order to allow as much resin as possible to penetrate and consolidate the laminate. When the porous areas have been treated apply one coat of SAFEGUARD LVP over the remainder of the hull.

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 LVP	6 hours	2 days	5 hours	36 hours	4 hours	1 days

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