

SAFEGUARD TC

EPOXY TIE COAT

SAFEGUARD TC is a low viscosity, two component, solvent born epoxy tie coat developed for use as a primer for SYNERGY antifouling. It is also ideal for use where excellent adhesion of subsequent coatings or fillers are to be applied at a later date. SAFEGUARD TC can applied to new, uncured epoxy coatings or to old, abraded coatings and GRP.

- **Excellent adhesion to virtually all prepared substrates**
- **Matt finish can be over-coated at any time**
- **Easy to apply in thin coats**
- **Can be used during long coating procedures to provide a brake and thus avoid abrading before coating continues.**

SUBSTRATE PREPARATION SAFEGUARD TC should be applied to new coatings within their over-coating period. Cured coatings and other substrates must be clean, dry and free of grease, mould release agent or other contamination. If the surface is smooth or glossy it should be abraded to provide a key for the new coating. If the substrate is unacceptably rough a coat of EASY FAIR SEU can be applied first and sanded smooth before application of SAFEGUARD TC.

APPLICATION CONDITIONS Epoxy coatings should not be applied in temperatures of less than 7°C or to substrates less than 3°C above the dew point.

MIXING SAFEGUARD TC 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.](#)

APPLICATION SAFEGUARD TC can be applied by any method. Short pile mohair rollers provide an excellent finish. Foam rollers are unsuitable.

OVER-COATING SAFEGUARD TC can be over-coated with most other coatings at any time after the minimum over-coating time, as shown below. Synergy antifouling should be applied within 24 hours to ensure a chemical bond between the products.

SAFEGUARD TC, OVER-COATING TIMES						
TEMPERATURE °C	5 TO 15		15 to 25		25 +	
	Min	Max	Min	Max	Min	Max
POT LIFE SYNAMIN 1053S	60 minutes	90 minutes	40 minutes	70 minutes	30 minutes	50 minutes
OVER-COATING TIME NORMAL COATINGS	12 hours	UNLIMITED	8 hours	UNLIMITED	4 hours	UNLIMITED
OVER-COATING TIME SYNERGY	4 hours	36 hours	3 hours	30 hours	2 hours	24 hours

SAFEGUARD TC - SPECIFICATION	
Type	Solvent born epoxy coating
Mix ratio	See label on tin
Hardener	Synamin 1053 Solution
Resin Density	1.6 kg/litre
Coverage	8 sqm per litre
Finish	Matt/eggshell
Solvent	Synsol 50. Synsol 300 for cleaning
Colours	Grey
Pack sizes	1, 2.5 and 5 litre
Shelf Life & Storage	12-18 months in original, unopened container. Store in cool, dry conditions

Please visit our web site at www.reactiveresins.com for details of our other products. They include resins and coatings for marine, industrial and flooring applications.

HEALTH & SAFETY Please see 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, Reactive Resins 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 small variations in shade may occur from batch to batch.