

Unique Polymer Systems Ltd, ThistleBond UK Division - Engineering Repair
Marine Repair Systems

A Unique Choice



UniquePolymerSystems.com

The Engineer's Choice

... for Solutions

ThistleBond

Marine Repair

The Unique Polymer Systems Group supply the Thistlebond Range of Products under the names of UPS, ThistleBond & Pipe Wrap.

Unique Polymer Systems Marine Repair

Unique Polymer Systems (UPS) Marine Repair resins are liquid epoxide resins, which when mixed with the appropriate amount of hardener produces a mix that will have exceptional adhesive properties, making this the perfect repair matrix for metals, wood glass, GRP and other synthetic materials. UPS Standard Resin TRK 19000 is a specially developed epoxide hardened, which ensures that the mix not only cures at normal ambient temperatures but also attains maximum strength in a reasonable working time.

UPS Standard Resin TRK 19000 is supplied in 10 unit resin packs that are all pre-measured in correct proportions for subsequent mixing. Each individual unit contains one container of hardener and one container of resin. The resin container is designed to facilitate its use as a mixing container for both resin and hardener.

UPS A & B Cement TRK 19002 and TRK 19003 are specially developed epoxide repair compounds supplied in two separate packs marked A and B. When mixed together in equal portions by volume the cement will cure to an extremely strong mass with a better adhesive/laminate bond than one produced with the Standard Resin TRK 19000.

UNIQUE LAMINATES

UPS Glass Tape TRK 19007, TRK 19009 – Specially treated glass fibre fabric that ensures Scotchkote Standard Resin TRK 19000 will fully permeate the fabric and give the resultant glass fibre resin laminate repair excellent mechanical properties.

UPS Contour Cloth – A resin reinforced fabric that can be contoured to the surface of a pipe.

UPS Glass Mat – A fabric consisting of a random weave of glass fibres that will absorb a considerable quantity of mixed resin which, when cured, will produce a mechanically strong mass.

UPS Linen Scrim - An open weave linen fabric used as a backing for the glass mat to make it easier to handle when being applied to a repair. Linen scrim becomes an integral part of the completed repair.

UPS Cellophane – Applied to the outside of a repair after the application of UPS Linen Scrim – its purpose is to contain the mixed resin repair until it has cured.

UPS Sealer-Filler – Special non-asbestos filler in powder form for addition to the resin mix after the initial mixing has taken place. The resultant sealer filler resin mix has two very useful properties. The mix is very thixotropic and can therefore be applied to vertical areas. The mix can be applied to operate at temperatures up to 180°C (356°F). When it is applied as a pre-coat, prior to carrying out a repair, it will help to insulate the resin laminate from the operating temperature of the parent body repair.

UPS Fairing Compound – A second filler consisting of glass fibre strands for addition to the resin mix after the initial mixing has taken place and can be used in a similar way to the Sealer Filler.

UNIQUE ACCESSORIES

- Barrier Cream
- Gloves
- Resin Removing Cream
- Stirring Tools
- Brushes
- Plastic Coated Paper
- Trowelling Tool
- Instruction Booklet



Marine repair and maintenance



Unique Polymer Systems Marine Repair Kits are a must have maintenance tool, which as the experience of the user broadens, can resolve an ever increasing number of the maintenance engineers at sea problems. The ultimate strength and performance of these types of repair are very much dependent on the operating conditions and the correct repair procedures being adopted. These types of systems have been marketed and sold for many years and their success as a maintenance tool is well proven and established.

Before starting any repairs always ensure that the areas being repaired are isolated and / or pressure reduced as much as possible to achieve the best possible repair.

Unique Polymer Systems Marine Repair Kits are available as follows:

- Engineers Repair "A" Kit TRK 11000
- Engineers Repair "C" Kit TRK 13000
- Lifeboat Repair Kit TRK 17000
- Standard Resin TRK 19000 (10 x 225gm units)
- A & B Cement TRK 19002 (6 x 176gm units)
- A & B Cement TRK 19003 (4 x 1kg units)
- Pipe Repair Bandages TRK 19601, TRK 19603, TRK 19604, TRK 19605
(Sizes: 50mm x 1.7m, 50mm x 3.6m, 75mm x 3.6m, 100mm x 3.6m)



UPS A & B
Cement TRK 19002/3



UPS Pipe Repair Bandage
TRK 19601/3/4/5



UPS Lifeboat
Repair Kit TRK 17000



UPS Standard Resin
TRK 19000



Important Notice

All statements, technical information and recommendations related to UPS's products are based on information believed to be reliable but the accuracy or completeness is not guaranteed. Before using these products, you must evaluate it and determine if it is suitable for your intended application. You assume all risks and liability associated with such use. Any statements related to the product which are not contained in UPS's current publications, or any contrary statements contained on your purchase order shall have no force or effect unless expressly agreed upon, in writing, by an authorised officer of UPS.

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