

TECHNICAL DATA SHEET

UPS 17000 LBRK THISTLEBOND LIFEBOAT REPAIR KIT

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UPS 17000 LBRK ThistleBond Lifeboat Repair Kit contains high performance, low viscosity, 100% solids materials designed for use as a resin repairs for polyester laminated hulls of lifeboats and life rafts.

The material is easy to use and because of its adhesion properties it can also be used to effectively repair metals, wood, glass and synthetic materials.

The materials are supplied as a kit contained in special watertight packaging to meet accepted marine industry standards.

Product Information

Product Features

- Full range of accessories supplied in kit
- 100% solids coating
- Excellent adhesion & penetration properties
- Excellent over coating properties

Features & Benefits

- Ideal for repairs to cracked or holed GRP hulls & structures
- Contains 100% solids Resin & Hardener
- For use out of water
- Supplied in watertight container

Surface Preparation

All surfaces must be clean, dry and free from oil, grease and loose material.

Laminated Surfaces

Clean up the damage area, both internal and external. Extend the cleaned-up areas approximately 100-150mm (4-6") all round onto the undamaged hull. The 'gel coat' on the outside of the hull should be thoroughly abraded. The edges of any holes should be leveled to obtain the best possible adhesion.

Other Surfaces

Surfaces should be thoroughly degreased and abraded with any resulting dust being removed by vacuum cleaning.

Mixing

UPS 19000 RH ThistleBond Standard Resin & Hardener is a two-component material consisting of a Base component and Activator component. The Base component should be poured into a suitable container

and the Activator added and thoroughly stirred until a homogeneous mix is obtained.

The mixed material should be used within 30 minutes at 20°C (68°F). this time will be reduced at higher temperature and extended at lower temperatures.

Application

UPS 19000 RH ThistleBond Standard Resin & Hardener should be applied to the prepared surface by stiff brush or roller to give a uniform, even coating taking care to avoid excessive build up and ponding. On rough surfaces the product should be worked into the surface to ensure complete setting of the substrate.

These are two basic repair methods, which are both dependent on access to both sides of the damaged hull being obtainable.

Method 1

This is based on the approach to be taken when the repair is to be effected from the outside with or without a 'former' being applied to the outside.

Method 2

This is based on the approach to be taken when the repair is to be affected from the inside without a 'former' being applied in the outside.

UPS 17000 LBRK ThistleBond Lifeboat Repair Kit - Contents

UPS 19000 RH Resin & Hardener	225gms	2
Glass Mat	0.5m ²	1
Surface Tissue	0.35m ²	1
Cellophane	250mm X 2.5m	1
Sand Paper	280mm	1
Brush	1"	1
Stirring Tool	-	2
Putty Knife	-	1
Disposable Gloves	Pair	2
Resin Removing Cream	100gm	1
Instruction Booklet	-	1

Official Approvals



The products that we supply are for professional use only, it is your responsibility to read the technical data sheets before you place an order and prior to application of the product.

Quality: All Unique Polymer Systems Products are supplied under the scopes of the company's fully documented quality system.

Warranty: Unique Polymer Systems warrants that the performance of the product supplied will conform to the typical descriptions quoted within this Technical Data Sheet provided the material is stored correctly and used according to the procedures detailed in the Technical Data Sheet for the material.

Health & Safety: Please ensure good practice is observed at all times during the mixing and application of this product. Protective gloves must be worn during the mixing and application of this product. Before mixing and applying the material please ensure you have read the fully detailed Material Safety Data Sheet.

Legal Notice: The data contained within this Technical Data Sheet is furnished for information only and is believed to be reliable at the time of issue. We cannot assume responsibility for results obtained by others over whose methods we have no control. It is the responsibility of the customer to determine the products suitability for use. Unique Polymer Systems accepts no liability arising out of the use of this information or the product described herein.