

ThistleBond Collision Kit Mixing Instructions.

CAUTION: Before proceeding to sea take a few minutes to familiarise yourself with these application instructions.

The ThistleBond collision kit is ideal for rapid repairs to holed or cracked GRP and Wood above or below the waterline. The surface preparation and mixing preparation will be defined by the circumstances in which they are used.

The Collision Kit Resin and Hardener once mixed has a Usable life of 3-4 minutes (at 20C), when used in conjunction with the PU Mat it is suitable for repairs to holes up to 3" x 4".

Repairs Above the Waterline:

Surface Preparation.

1. All surfaces must be free from Oil, Grease, loose material and Fungal growth.
2. Abrade the damaged area with the Emery paper provided, ensuring an overlap of 3-4" in all directions.

Application with PU Mat.

1. Cut the PU Mat to the required size, ensuring a 3"-4" overlap onto undamaged area.
2. Mix the collision Kit Resin and Hardener (1:1 mixing ratio) on the mixing board provided. Ensure the mix is streak free.
3. Spread 50% of the mix onto the PU Mat, coating the fibrous side of the matting, the remaining mix should be spread onto the damaged area.
4. The PU Mat should be pressed onto the damaged area immediately and held for as long as possible (3-4 minutes).

ABOVE THE WATERLINE

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Repairs Below the Waterline:

1. Clear the damaged area from weed growth and loose debris.
2. Mix the Collision Kit Resin and Hardener on the Mixing Board provided (1:1 mixing ratio). As far as possible do the mixing in as dry an area as available.
3. Mix the Collision Kit Resin and Hardener thoroughly, ensuring it is streak free.
4. Apply the mixed Resin and Hardener to the PU Mat, coating the fibrous side and applying in a thick layer.
5. Take the PU Matting to the damaged area, place over the crack or hole and hold the PU Mat in place for as long as possible.

The Collision Kit PU Mat repair is a temporary repair, designed to get the Yacht back to Harbour or Drydock. Please seek advice on a permanent repair once you have docked in a safe area.

BELOW THE WATERLINE



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Repairs with Reinforcing Tape:

Repairs with the Reinforcing Tape are ideal for burst Water Pipes and split Fuel Lines.

Surface Preparation and Application for repairs to Water Pipes and Fuel Lines.

1. The Water or Fuel supply should be stopped immediately, the damaged pipework must be free of any excess liquid and abraded with the Emery Paper supplied.
2. The Reinforcing Tape should be cut to the required length, ensuring there is sufficient length to wrap round the pipe 3 times.
3. Mix the Collision Kit Resin and Hardener on the Board provided, ensuring the mix is streak free
4. Apply 2/3 of the mix to the damaged pipework, the remainder should be spread evenly onto the Reinforcing Tape. Ensure that both sides of the tape are coated with The Resin and Hardener.
5. The Tape should be applied coated side down onto the damaged area, the Reinforcing Tape should be wound as tightly as possible with one half overlap.
6. Smooth the edges of the repair with gloved finger to complete the repair.

The Collision Kit Reinforcing Tape repair is a temporary repair, designed to get the Yacht back to Harbour or Drydock. Please replace the damaged area as soon as possible.

Repairs larger than 3" x 4":

Because the Collision Kit Resin and Hardener work equally well on wood, it is possible to secure a wooden patch over a larger hole by securing strips of the bandage and/ or the PU Mat around the edges of the patch, giving equal coverage to both the patch and hull.

If the ingress of water is severe enough to prevent a repair being made effectively, use whatever materials that are to hand (cushions, bedding etc), jammed against the damaged area from inside the hull. When you have slowed the leak sufficiently, effect the repairs as described above and overleaf.



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Other Products in the ThistleBond Range:

Super Metal Repair Systems

Ceramic Carbide Repair Systems

Elastomeric Repair Systems

Adhesives

Engineers Kits

Laminates

Topside and Below Waterline Repair Systems