

# **Thistlewrap Pipe Repair**

## **Emergency Pipe Repairs:**

The Following ThistleBond section is concerned with the emergency repair of pipework and tank seams and should be read in conjunction with the Technical Data sheets of the following ThistleBond Product: Standard Resin and Hardener

## **COMMON DEFECTS**

Holes and cracks in sections of pipework and leaking tank seams.

## **PREPARATION**

All work should be carried out in strict accordance with the relevant ThistleBond Technical Data Sheet. The product selection should be based on the type of repair to be carried out.

## **SURFACE PREPARATION**

The pressure within the system to be repaired must be turned off and all product allowed to drain away, leaving a dry surface around the damaged area. Using a wire brush or coarse sandpaper the area to be repaired must be cleared of any loose material and rust. Once abraded the damaged area must be cleaned using ThistleBond Universal Cleaners.

## **APPLICATION TECHNIQUE**

Repair to pipe work – ThistleBond Standard Resin and Hardener can be used on any diameter pipe work. Mix the tin of resin thoroughly and brush onto the damaged surface, ensure the Resin exceeds the damaged area by a minimum of 3". Wind the Glass Tape roll around the pipe work, overlapping the tape by 50%, once you have reached the end of the repair do not cut the tape. Brush more resin over the glass tape and begin to wind the glass tape of the first layer of glass tape. Repeat this application up to 4 times depending on the pressure tolerance required.

Repair to leaking tank seam- Before applying the Resin and Hardener measure the surface are to be repaired and cut three areas of Glass Mat for the repair, ensure that the Glass Mat exceeds the surface of the repair by 3" in all directions. Mix the ThistleBond Standard Resin and Hardener thoroughly and brush onto the surface of the damaged area, Lay one layer of the Glass Mat onto the applied Resin and hardener, then using a stiff bristled brush, apply more of the mixed product to the surface of the Glass Mat. Ensure the Matting is thoroughly soaked with Resin. Repeat this application three times and then allow the product to fully cure.