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### **Repairing Fenders and Floating Hoses:**

The Following ThistleBond section is concerned with the repairing of Fenders and Floating Hoses and should be read in conjunction with the Technical Data sheets of the following ThistleBond Products: 60 Durometer Elastomer Paste and 80 Durometer Elastomer Paste.

#### **COMMON DEFECTS**

Mechanical damage or wear.

#### **PREPARATION**

All work should be carried out in strict accordance with the relevant ThistleBond Technical Data Sheet. Product selection and application should be based upon the nature and severity of the damage, the time available for work the system pressure and operating temperatures.

**N.B. Repairs must not be attempted if damage to reinforcement layers is evident.**

#### **SURFACE PREPARATION**

All loosely adhered material should be cut away and the repair area cut back using a sharp knife, this leaves a sound edge terminated square or undercut. Where exposed reinforcement fabric has become wet, it should be allowed to dry out. The complete area of damage and an area at least 3” around the damage should then be abraded to produce a woolly finish. This can be accomplished by using a rotary wire brush, or by the use of a roughing brush. Where metallic reinforcements are exposed, this should be thoroughly roughened and then washed with ThistleBond Universal Cleaner in order to remove all dirt, grease and other surface contaminants.

#### **PRIMING SYSTEM**

Apply the ThistleBond Primer supplied with the product in a thin film to the entire prepared area, be sure to use a stiff bristled brush.

#### **APPLICATION TECHNIQUE**

Mix the selected product and apply a thin layer to the prepared area. Ensure this layer of product is kept within the prepared area and is pushed well into the prepared profile. Wet out an appropriate length of ThistleBond reinforcement tape with the mixed product and apply this to the repair area. Where more than one length of reinforcement tape is required, ensure an overlap of a minimum of ¼” between lengths. Finally, apply further product to totally encapsulate the reinforcement tape and in fill the repair area using a correctly contoured rigid applicator to re-profile the surface. If required a suitable rotary grinding tool can be used to finally contour the surface, after a full mechanical cure of the product has taken place.

## TECHNICAL SUMMARY

### PRODUCT

	HARDNESS	WORKING LIFE (20C)	FULL CURE (20C)
60 DUROMETER ELASTOMER PASTE	60	25 MINUTES	72 HOURS
80 DUROMETER ELASTOMER PASTE	80	25 MINUTES	72 HOURS

### Main System Selection

Required for High abrasion Resistance

80 Durometer Elastomer Paste

General Repair Work

60 Durometer Elastomer Paste