

## 4.2 FLEXIBLE BONDING REPAIRS

### 4.2.3 JIB'S BREAKAGE REPAIR (HEAD POINT TEAR)

**DESCRIPTION:** How to repair the foot's head point of a Mylar's® Kevlar® fiber laminated Jib's sail.

**REPAIR TYPE:**

flexible, bonding, fortifying, dry

**MATERIAL TYPE:**

MYLAR®, KEVLAR®

**MULTIPLE USES:**

Sailboat, sails, windsurf, kitesurf

**USED PRODUCTS:** DS25

**RELATED PRODUCTS:** SM25, DS10, SM10

2.1.1 patch width: Allow 5cm margin on each side

2.1.2 patch length: Allow the length of the breakage plus 5 cm on each side

2.2 Patch setup

2.2.1 Draw the outline on the patch

2.2.2 Cut the patch and round the corners

3. PASTE TAPE AROUND THE PERIMETER OF THE DAMAGE AREA

3.1 Leave a gap of 5 mm (approximately) between the patch's edge and the tape

**RELATED TIPS & TRICKS:**

Mainsail's emergency repair (main leech), Jib's emergency repair (batten pockets), Spinnaker's emergency repair (tear), Spinnaker's emergency repair (overlap peel off), Spinnaker's emergency repair (leech tear), Windsurf's emergency repair (tear), Windsurf's emergency repair (overlap peel off), Kitesurf's breakage repair (tear)

1. SPOT AND CLEAN UP THE REPAIR AREA

1.1 Spot the damaged area

1.2 Clean up using acetone and a cloth piece

1.3 Clear the working area

2. PATCH MATERIAL PREPARATION

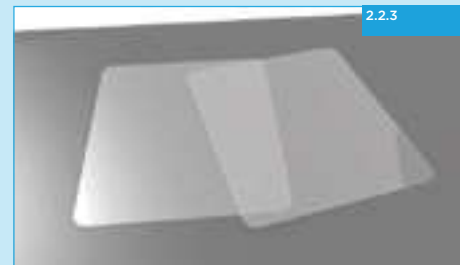
2.1 Guideline to determine the overlapping area



2.2.1



2.2.2



2.2.3



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#### 4. DS25 PREPARATION (DRSAILS 25ML)

4.a Remove the cap and level off the components

4.b Insert the nozzle

#### 5. APPLY DRSAILS IN ZIGZAG ON THE PATCH

The distance between the zigzag lines drawn should be between 1 and 3 cm

#### 6. SPREAD DRSAILS UNIFORMLY BY USING A SCRAPER

#### 7. PLACE THE PATCH SYMMETRICAL TO THE BREAKAGE AND APPLY PRESSURE TO THE PATCH USING A SCRAPER TO REMOVE THE EXTRA PRODUCT

#### 8. REINFORCE THE PATCHES' EDGES BY BONDING AUTOADHESIVE SAILCLOTH TISSUE AROUND THE PATCH'S PERIMETER TO IMPROVE PEELING RESISTANCE

8.1 Peeling reinforce can also be done by applying a "string" of DrSails around the patch's perimeter and then spreading the mixture with the help of a scrapper or similar device

#### 9. WAIT FOR 22 MINUTES AND CHECK RESULTS

