

4.2 FLEXIBLE BONDING REPAIRS

4.2.1 MAINSAIL'S BREAKAGE REPAIR (OVERLAP PEEL OFF)

DESCRIPTION: How to repair the Mainsail's overlap damaged because of the flapping.

REPAIR TYPE:

flexible, bonding, fortifying, dry

MATERIAL TYPE:

Dacron®

MULTIPLE USES:

Sailboat, sails, windsurf, kitesurf

USED PRODUCTS: DS265

RELATED PRODUCTS: SM265, DS10

2.1 How to define the overlapping area (two sides Overlapping material setup (patch))

2.1.1 External patch width

I. Based on the sail type

II. Strong winds: Allow 4 mm for each overlapping cm in relation to the breakage's symmetry axis

III. Moderate winds: Allow 2mm for each overlapping cm in relation to the breakage's symmetry axis

IV. Light winds: 0mm

2.1.2 External patch length: Allow the breakage's length plus 5 cm on each side

2.1.3 Internal patch length: Same as the external

2.2 Patch preparation: external and internal

2.2.1 Draw the outline over the internal patch

2.2.2 Cut the internal patch perimeter and round the corners

2.2.3 Repeat the same procedure for the external patch

3. PASTE TAPE AROUND THE PERIMETER OF THE DAMAGE AREA

RELATED TIPS & TRICKS:

Jib's emergency repair (batten pockets), Jib's emergency repair (head tear), 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 AREA TO BE REPAIRED

1.1 Spot the damaged area

1.2 Clean up using acetone and a cloth piece

1.3 Clear the area to be repaired

2. OVERLAPPING MATERIAL SETUP (PATCH)

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

Note: The excess product should be left on the paper tape

4. DS265 PREPARATION (DRSAILS 265ML)

4.c Insert the cartridge in the caulking gun

4.a Remove the cap and level off the components	4.b Insert the nozzle into the cartridge
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5.APPLY DRSAILS IN ZIGZAG ON THE PATCH

5.1 A distance of 1cm to 3cm between the zigzag lines is recommended

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

7. WAIT FOR 22 MINUTES

8. REPEAT STEPS 7, 8 AND 9 FOR THE EXTERNAL PATCH

9. REINFORCE THE OVERLAP EDGES BY BONDING AUTOADHESIVE SAILCLOTH TISSUE AROUND THE OVERLAP'S PERIMETER TO IMPROVE PEELING RESISTANCE

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

10. WAIT FOR 22 MINUTES AND CHECK RESULTS

