



## REPAIR INSTRUCTIONS FOR A CRACK IN A TERHI BOAT

Terhi supplies a special Terhi Fix compound for the repair of its' ABS-boats. General instructions of how to use the compound can be found on Terhi's website under the "service" section.

In general, a crack in a Terhi boat's shell should be repaired as early as possible, however at the end of the boating season at the latest. As long as a crack is unrepaired, the shell is not waterproof and the water going inside the hull will cause delamination of the shell through frost expansion. As a first measure when a crack is noticed, the expansion of it can be stopped by drilling small holes (2-3 mm) to both ends of the crack.

To repair a crack in the ABS-shell one should first make sure that the inside structure of the hull is completely dry. If not, the boat must be turned to a position enabling the water to come out and let it dry properly. A small hole can be drilled through the ABS-shell to facilitate this.

In order to prevent the crack from expanding while working on it, a hole of appr. 10-15 mm should be drilled to each end of the crack. Then cut and chamfer the sides of the crack with a knife so that it becomes appr. 10 mm wide. This enables you to spread Terhi Fix also inside the crack.

Before spreading Terhi Fix clean the repair area well. Terhi Fix is then spread on and around (3-4 cm each side) the crack. To reinforce the repair a rowing mat (webbing) can be laid on the first layer of Terhi fix. The webbing can be pressed closer to the ABS-shell for example with a brush. The webbing is again covered with Terhi Fix compound.

Let the compound dry for 24 hrs. Note also that the temperature should be least +15 C during the drying time.

When the compound is completely dry, any excess material will be grinded away.

Finally, some Terhi paint is now needed to hide the repair.

NB. This repair will fix the shell itself. If the shell has delaminated from the foam it should be first glued back with Terhi glue.

