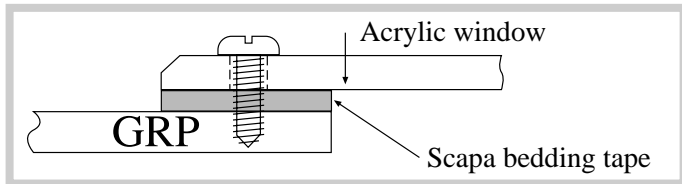


# HADLOW MARINE SERVICES

BOAT WINDOW SPECIALISTS

## A guide to applying screw fixed windows using Scapa 3507 bedding tape.



If the window is new and there are no corresponding screw holes around the aperture the holes need to be drilled before applying the bedding tape. First ensure the window is exactly where you want it to be, hold the window in position and mark it's place using strips of masking tape. You can then take the window off and check that there is equal space all round the aperture. Using masking tape makes it easy to make any adjustments. When you are satisfied, hold the window in position again and drill the first two fixing holes some distance apart through the pre-drilled window. You can then screw the window in position using these two holes and drill the rest of the holes without fear of the window moving out of alignment.

Now draw round the window with a soft pencil before removing it. Countersink the holes you have drilled to protect the gelcoat from cracking when the self tappers are screwed in.

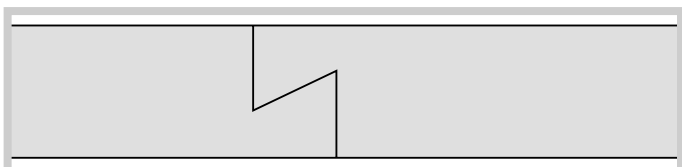
**Never use a power screwdriver on acrylic windows,** it will crack the perspex before the seal is compressed enough to be watertight.

Make sure the surface is clean, dry, dust and grease free and apply the tape to the boat along the inside of the pencil line.

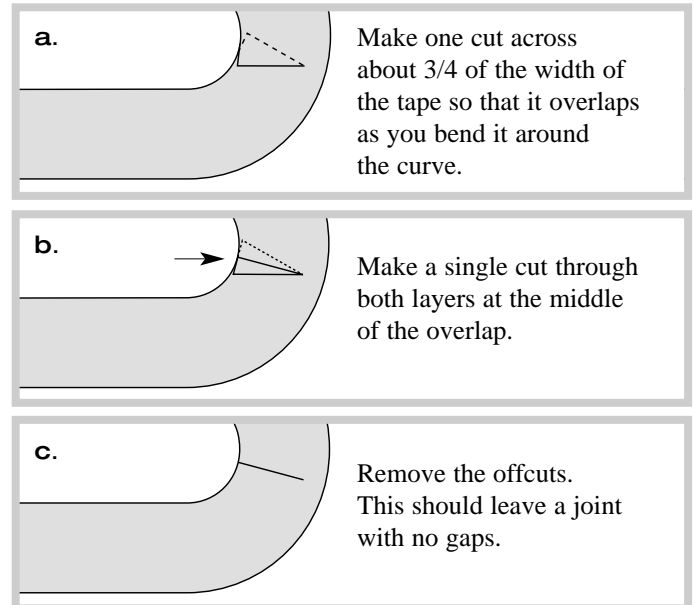
**It is important not to stretch the Scapa tape when it is applied as it will shrink back and not give a watertight seal.** The easiest way to stop the tape from stretching on straight lengths is to leave the backing paper on whilst applying but because the backing paper will not bend much it needs to be removed on the curves. (see below). We no longer recommend that for fixing unframed windows the tape is stuck onto the window but advise that it should be stuck to the GRP so that the tape's adhesive is protected from the sunlight by the density of the tape. This makes fitting slightly more complex but should stop the tape from creeping.

### Rounded Corner Windows

On a rounded corner window it is best to use one length of tape, with a single join on the bottom edge. To apply the tape round a bend, remove the backing paper (for the bend area only) and tilt the tape so that the outside edge of the curve adheres first without any stretch, then gently press the inside edge down so that it compresses evenly. To make joints with an interlock, overlap the ends and cut through both layers at once. Make sure you don't stretch the tape at the joint and be sure you remove all the little pieces of backing tape. The fewer joints you have the less places there are where leaks could possibly happen.

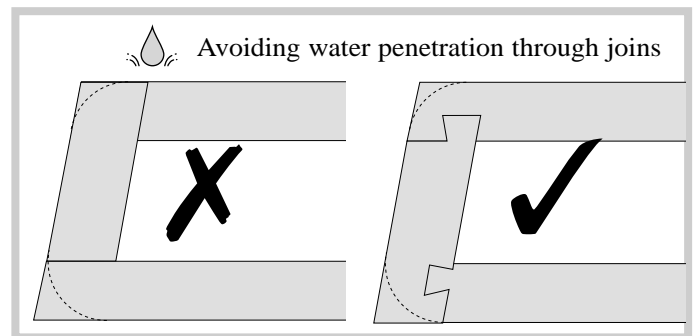


On a tight curve you may get some ripples but these will press flat when the window is screwed to the boat. On very tight curves you may need to cut wedges from the inside edge.



### Straight Edged Windows

Apply the tape first to the top, then the sides, then the bottom. Where the tapes butt cut them one or two millimetres too long and squash them in. For a really good joint interlock the butts.



Now you are ready to screw the window onto the boat, pushing the screws through the bedding tape. Make sure the window is absolutely clean because dust trapped between the acrylic and the tape will show from the outside.

### General tips

Use a new blade. Place a piece of flat metal like a steel ruler between the tape and the boat surface before cutting to prevent damage. You can screw through the tape without using a sealant, the tape will keep things watertight, but if you drill fixing holes through it, it might be a good idea to put a blob of clear mastic on the screws as you insert them.

Check that you have removed all of the backing paper from the Scapa tape before you screw the window on.

Tighten the screws carefully until the tape is about half its original thickness. Recheck at the end of the first season.