

With the vessel out of water, drill a hole of 42mm diameter through the hull to take the paddle housing and use conventional methods for sealing. It is advisable to avoid the use of mastic materials - use a form of proprietary silicon sealant.

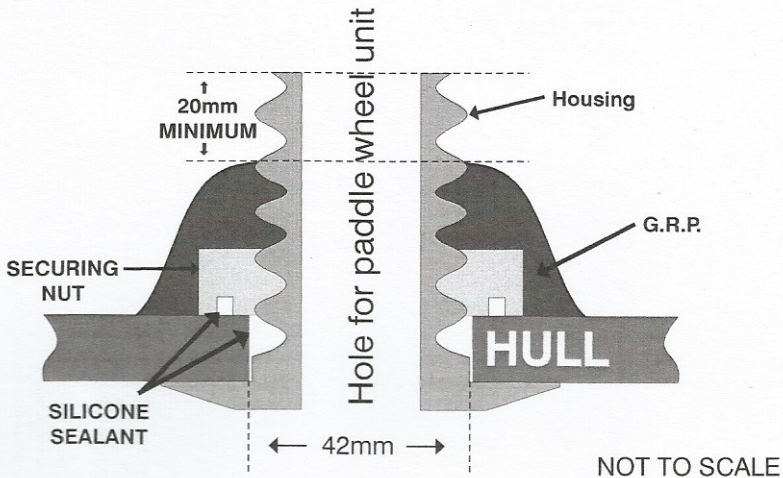


Figure 2 - Paddle Housing Installation (Sectioned view)

The securing nut has a groove on its underside which should also be filled with sealing compound. Take care not to over tighten this nut. After the sealing compound has set, wipe off the excess and encapsulate the whole assembly in G.R.P. As shown on Figure 2. Take care to ensure that a minimum of 20mm of thread is clear at the top of the paddle housing.

The paddle wheel unit can now be slid into the housing so that it is exposed to the water flow, with the arrow pointing forward along the centre line of the vessel. It is recommended that a little silicon grease is smeared over the rubber O-ring to keep the unit free. Tighten the retaining nut onto the top of the housing, and plug the cable into the 'paddlewheel' socket on the display. For added protection it is again recommended that the plug is lightly covered with silicon grease.