

P.O. Box 568, Southport, QLD 4215
PH 1300 887 077, Fax 1300 887 219
Email: info@fixtech.com.au, Web: www.fixtech.com.au

INSTRUCTIONS FOR THE BONDING AND SEALING OF KEELS

There are so many different types of keels being attached to hulls of yachts from static keels with and without bulbs of all different styles and configurations to canting keels again usually a blade type with a bulb.

ADHERES TO:

- **Fixtech's Fixseal MSP15 and Fixseal+190** is very well suited for bonding keel-hull connections.
- These products adhere extremely well to typical construction materials such as steel, cast-iron, aluminium, fibreglass, timber, carbon fibre etc.

HOW TO APPLY:

- It is very important not to smother all the surfaces with the product, as this will only prevent the product from fully curing in a reasonable period of time.
- Appropriate triangular beads of **FixSeal MSP15 and FixSeal+ MSP190** is the best way to deliver the Product to the surfaces, this ensures complete bonding on all surfaces and very little if any air entrapment during application. (Refer to page 2).

PREPARATION:

- Ensure all surfaces are free of oil, grease, and release agents, silicone coatings. Degrease thoroughly with Acetone, good quality wax and grease remover, or high quality solvent cleaner such as Fixtech's AC500. Turn cloth over regularly to ensure removal of these release agents.

PRIMING SURFACES:

- Primers are recommended where timber keels are present. The **Primer PR10** is a thin coating that seals the timber on the contact surfaces to which the product would be applied.
- Primers are not necessary for most metal or fibreglass surfaces, so long as they are clean and free of any release agents, oil and grease, a light abrasive rub is also recommended before the final clean.

APPLYING FIXSEAL MSP15 AND FIXSEAL+ MSP190:

- Apply **FixSeal MSP15 and FixSeal+ MSP190** onto the bonding surface in the shape of a triangular bead, with a height of 10 to 15mm. As the seal is required to be watertight, it is important that the bead forms a continuous, closed ring, with no gaps. The same applies to the bead around the anchoring bolt-holes.

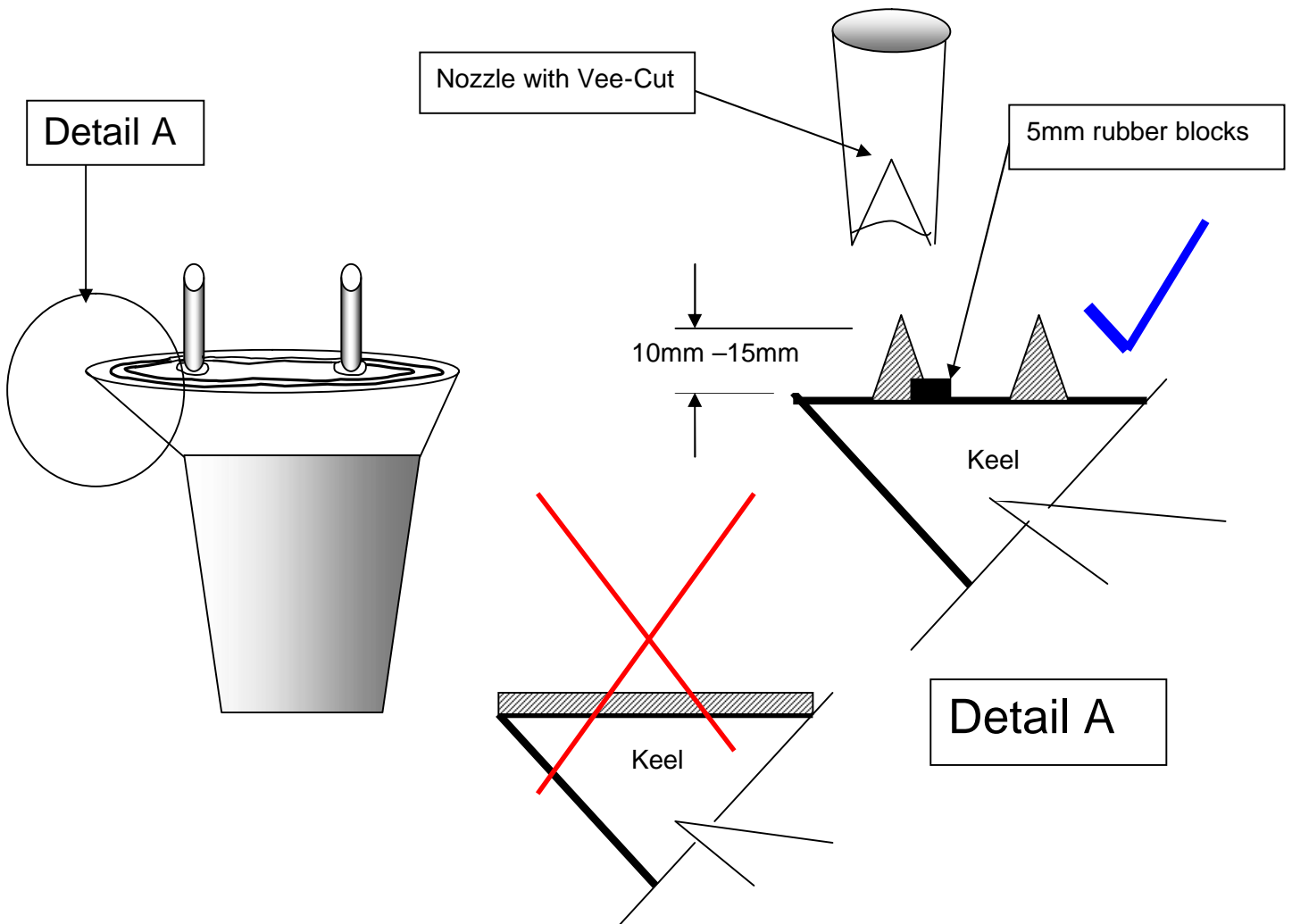
This information has been given in good faith and with the knowledge best known at the time of documentation. It is recommended that due to the differences found in glass that a sample be made before proceeding with the entire job.

P.O. Box 568, Southport, QLD 4215
PH 1300 887 077, Fax 1300 887 219
Email: info@fixtech.com.au, Web: www.fixtech.com.au

(Cont.)

APPLYING FIXSEAL MSP15 AND FIXSEAL+ MSP190:

- Place a series of 5mm high rubber blocks into the bead of sealant, without cutting the sealant continuous bead.
- Lift the keel into position thereby squashing the triangular beads of the product between the surfaces. Tighten the bolts up to the rubber blocks.
- Remove any displaced excess material and finish of the sealing of the keel and the underside of the hull.
- Tighten the bolts after 2 days to the appropriate torque specified.



This information has been given in good faith and with the knowledge best known at the time of documentation. It is recommended that due to the differences found in glass that a sample be made before proceeding with the entire job.