



ALSCO® MARINE

Single component acetoxy silicone sealant

ALSCO® Marine is a single component mould resistant fungicide adhesive sealant supplied in a compact 78g pack.

ALSCO® Marine is a one-part, high performance, flexible silicone sealant for long-term sealing and adhesion for watertight marine applications including:

- Sealing of hatches and port holes
- Insulating Electrical connectors
- Locking Nuts & Bolts against vibration
- Sealing Trunking and Pipework
- Watertight joint sealing
- In-Situ gaskets for water pumps and exhaust systems

ALSCO® Marine also offers good adhesion to glass, ceramics and is resistant to ozone, UV (Ultraviolet) radiation and temperature extremes (-40°C to 150°C) creating a waterproof seal across all applications.

TECHNICAL PROPERTIES

<u>Shore A Hardness</u>	25
<u>Tack Free Time</u>	18 minutes
<u>Extrusion g/min</u>	397
<u>Cure mm/day</u>	3.1
<u>Density g/cm³</u>	1.02
<u>Elongation %</u>	475
<u>Tensile Strength</u>	2.4 MPA

Cure rate will be affected by increase/decrease in temperature and relative humidity at time of application. Do not apply at temperature less than 5°C or subject assemblies to undue stress and elevated temperatures until the product has been allowed to fully cure.

FINISHING

ALSCO® MARINE should be applied onto the assembly surfaces to ensure good contact with joint substrates and tooled (where necessary) after application but before skinning takes place.

PACKAGING

ALSCO® MARINE is available in 78g cartridges (box quantity of 6).

SURFACE PREPARATION

To ensure optimum long-term bond characteristics all surfaces should (wherever possible) be clean, dry, sound and free from grease and oil residues. All loose dust, dirt, laitance and other contaminants should be removed by wiping surfaces in one direction with **ALSCO® Opti-Wipes Solvent No:2** cleaner applied to a clean dry lint free cloth and allowed to fully flash dry before applying any adhesive. Repeat, if necessary, on heavily soiled surfaces.

PRIMING

Good adhesion to most surfaces un-primed. However, some surfaces may require priming, contact AlSCO Technical Sales for advice.

CLEANING

Excess uncured adhesive, tools, equipment and hands should be cleaned using a solvent free cleaning wipe such as **ALSCO® Opti-Wipes**.

ANCILLARY MATERIALS & EQUIPMENT

ALSCO® Opti-Wipes Solvent No:2 solvent.
ALSCO® Opti-Wipes heavy duty, solvent free, antibacterial, Industrial wipes.

HEALTH AND SAFETY

Health and Safety data sheets available on request.

APPLICATION

All surfaces must be clean, dry and free from all surface contaminants.

Remove top of cartridge above thread, cut nozzle to required diameter/angle and attach by threading onto top of cartridge.

Apply product ensuring full contact with both sides of the joint. Tooling should be carried out before skin forms, lightly smooth any inconsistencies to finished bead using a wet tool.

Any excess of misapplied sealant may be removed whilst still uncured using **ALSCO® Opti-Wipes**.

After completing application ensure material is allowed to dry and cure undisturbed for at least 12 hours.

IMPORTANT NOTE

The information contained herein is compiled in good faith and believed to be accurate. However, because conditions and methods of use of our products are beyond our control, this information should not be used in substitution for customer's tests to ensure that AlSCO products are safe, effective and fully satisfactory for the intended end use. Suggestions of use shall not be taken as inducements to infringe any patent.

AlSCO sole warranty is that the product will meet the sales specifications in effect at the time of shipment.

Your exclusive remedy for breach of such warranty is limited to refund of purchase price or replacement of any product shown to be other than as warranted.

AlSCO specifically disclaims any other express or implied warranty of fitness for a particular purpose or merchantability.

AlSCO disclaims liability for any incidental or consequential damage.

TECHNICAL SERVICE

For further technical information, advice on suitability for specific applications, or detailed Health and Safety information, contact **AlSCO® Technical Service**.

ASSEMBLY

Most assemblies can be moved once adhesive has cured through sufficiently to reach initial cure strength and has cured to a solid state, This will depend on the joint design, free air movement around adhesive, temperature and humidity which can vary based upon conditions prevalent at the time of assembly. Under no circumstances should the adhesive bond be subjected to undue stress or elevated temperatures until full cure has been achieved. In severe cold or severe heat conditions curing times will vary from those stated above.



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