



TECHNICAL DATA SHEET

Polyurethane Sealant

ThistleBond 'Polyurethane Sealant' is a high performance fast curing sealant which can be used on the majority of surfaces used in the boat building industry.

ThistleBond 'Polyurethane Sealant' is based on a special moisture curing, low odour resin system which provides permanent flexibility.

ThistleBond 'Polyurethane Sealant' has excellent adhesion to most surfaces including plastic, lead, steel, wood, concrete, GRP composites and can be used to bond aluminium and steel sheets.

Before proceeding, please read the following information carefully to ensure that the correct application procedure is fully understood.

SURFACE PREPARATION

Surfaces should be wiped clean of all contamination, any oil or grease should be removed by cleaning with detergent solution.

Dirt, grit, rust etc. should also be removed.

MIXING

ThistleBond 'Polyurethane Sealant' is supplied ready for use in pre-packed cartridges.

APPLICATION

The base seal should be broken and pulled off, the seal over the nozzle end should also be removed and the nozzle should be screwed into place. The cartridge should now be fixed into a cartridge gun.

ThistleBond 'Polyurethane Sealant' should be applied in an uninterupted continuous bead avoiding air pockets. Once gunned surfaces can be smothered using soapy water.

When using **ThistleBond 'Polyurethane Sealant'** for lap bonding, parts should be assembled quickly and then clamped together for at least 6 hours.

Note: Once opened product must be used within 24 hours.

PHYSICAL CONSTANTS

Appearance	Coloured Paste.
Shelf Life:	Use within 6 months of purchase, Store in original sealed containers at 20°C (68°F)
Drying and Cure Times at 20°C/68°F	
Skin Forming Time	approx 45-60 min
Full Cure	approx 24 hours

PHYSICAL PROPERTIES

Hardness (Shore A)	Approx 45
Temperature Resistance	Up to 140°C
Elongation	400%
Tensile Strength	2N/mm ²

PACKAGING

Supplied in 310ml aluminium cartridges

HEALTH & SAFETY

As long as normal good practice is observed **ThistleBond 'Polyurethane Sealant'** can be safely used.

Ensure good ventilation during use.

Avoid prolonged skin contact, the use of protective gloves during use is advisable.

A fully detailed **Material Safety Data Sheet** is either included with the material or is available on request.

The information provided in this Product Data Sheet is intended as a general guide only and should not be used for specification purposes. The information is given in good faith but we assume no responsibility for the use made of the product or this information because this is outside the control of the company. Users should determine the suitability of the product for their own particular purposes by their own tests. Detailed specifications are available on request from the company.

FOR FURTHER INFORMATION PLEASE CONTACT



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