

Technical Data Sheet

B270 Studlock

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Bondloc B270 Studlock

PRODUCT DESCRIPTION

B270 Studlocker is a permanent Green coloured general purpose adhesive for permanent threaded assemblies. B270 locks studs up to 1", sealing against leakage and corrosion. It is chemical resistant, resisting fuels, lubricants and most industrial liquids and gases.

APPLICATIONS

B270 Studlocker eliminates double nutting and/or welding of critical assemblies. Using B270 Studlocker permits reduced casting thickness and ultimate lightness, reduced assembly stress and eliminates cracked castings due to interference fit stresses.

USEFUL NOTES

Using B270 Studlocker is easy, it is colour coded Green to assist in selection. Because of its chemical resistance it is ideal in applications such as a sealant for refrigeration plant, air conditioning, big plant and process equipment using corrosive chemicals.

PROPERTIES

Fast acting securing compound, giving retention strength and vibration proofing, typically 3000psi.

INSTRUCTIONS FOR USE

Ensure parts are clean, dry and free from oil and grease.

PROCEDURE FOR APPLICATION

Product is normally hand applied from the bottle.

COMPATIBLE ACCELERATORS/PRIMERS

Primers such as B7471 (Standard Anaerobic Activator) or the faster B7649 Structural Accelerator can be used, however, up to 30% strength loss can occur when using accelerators.

STORAGE

Store in a cool area out of direct sunlight.
Shelf Life > 12 months @ 20°C.

HEALTH & SAFETY IN USE

IRRITANT: Contains Methacrylate Esters. Irritates eyes, the respiratory organs and the skin. In case of contact with the skin wash immediately with plenty of water.

This Technical information sheet does not constitute a Material Safety Data Sheet. Before using this product ensure you have read and fully understood Bondloc Material Safety Data Sheet B270.

TECHNICAL FEATURES

Resin	Dimethacrylate
Colour	Green
Fixture Speed No Activator	10 mins
Fixture Speed With Activator	5 mins
Viscosity	500 cps
Gap fill	0.25mm
Flash Point	>100°C
Shelf Life	12 month min
Specific Gravity	1.06
Max Operating Temperature	-55°C to + 150°C

CURED PERFORMANCE

Full Cure Time	12 hours
Cure Time with good % of final strength	2 hours
Typical Breakaway Strength DIN	40 N.m (25/55)
Typical Prevailing Strength DIN	55 N.m (45/70)
Typical Breakaway ISO 10964	26 N.m (16/36)
Typical Prevailing ISO 10964	36 N.m (22/50)

PRESENTATION

B270 is available in 10ml, 25ml, 50ml, 250ml and bulk packs.

PRECAUTIONS: This product and the auxiliary materials normally combined with it are capable of producing adverse health effects ranging from minor skin irritation to serious systemic effects. None of these materials should be used, stored, or transported until the handling precautions and recommendations as stated in the Material Safety Data Sheets (MSDS) for this and all other products being used are understood by all persons who will work with the product.

Warranty: All products purchased from or supplied by Bondloc are subject to terms and conditions set out in the contract. Bondloc warrants only that its product will meet those specifications designated as such herein or in other publications. All other information supplied by Bondloc is considered accurate but is furnished upon the express condition the customer shall make its own assessment to determine the product's suitability for a particular purpose. Bondloc makes no other warranty, either express or implied, including those regarding such other information, the data upon which the same is based, or the results to be obtained from the use thereof; that any product shall be merchantable or fit for any particular purpose; or that the use of such other information or product will not infringe any patent.