

# Technical Data Sheet

B641 Bearing Fit

Revised 03.08.10



## B641 Bearing Fit

### PRODUCT DESCRIPTION

Bearing Fit B641 is a single part Anaerobic securing compound, designed for fitting cylindrical metal assemblies and cures when confined between the parts.

### APPLICATIONS

B641 will secure all types and sizes of Bearings, Shafts and Cylindrical parts which will require disassembly in the future. B641 is of medium strength and is colour coded yellow for job identification.

### USEFUL NOTES

Where cure speed is long, acceptable bond times can be obtained by treating the parts with B7471 activator or by using the faster B7649 accelerator.

### PROPERTIES

Fast fixture, usually under 15 minutes.  
Medium strength removable compound. Typical strength 12N/mm (2).

### 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 B641.

### TECHNICAL FEATURES

Resin	Mod. Dimethacrylate
Colour	Yellow
Fixture Speed No Activator	10-15 mins
Fixture Speed With Activator	<5 mins
Viscosity Brookfield Sp2 @20rpm @ 25°C	400-800 cps
Gap fill	0.2 mm
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
Static shear strength	12N/mm <sup>2</sup>
is 10123 pin/collars range	1-16 N/mm <sup>2</sup>

### PRESENTATION

Bottles.....10ml, 25ml, 50ml, 250ml  
Clam Packs.....10ml, 25ml, and 50ml

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.

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