

# Technical Data Sheet

## B660 METAL FILL RETAINER

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**FORMULAS THAT WORK**

## B660 Metal Fill Retainer

### PRODUCT DESCRIPTION

Metal Fill B660 is a press fit repair compound designed to quickly refit worn parts and reach handling strength fast.

### APPLICATIONS

Metal Fill is an Anaerobic metallic silver/grey cream which is non-run and is used to fill and repair spin out, fretting and small imperfections on cylindrical parts. Metal Fill will take up the wear on close fitting metal parts to enable temporary repairs until parts arrive.

### USEFUL NOTES

Some repairs do not need the full strength achieved by B660Metal Fill, it is recommended to apply a strip or spot to the outer face of a bearing, thus preventing spin out but allowing easy disassembly. The larger the coverage the higher the strength. Some threaded parts need heat for disassembly.

### INSTRUCTIONS FOR USE

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

### PROCEDURE FOR APPLICATION

Apply B660 Metal Fill to the damaged area directly from the applicator. Keyways can be repaired without migration into unwanted areas. If a split shaft is being repaired, spread an even coat in a thin film on both surfaces and when assembled, wipe the excess away. Metal Fill will harden once parts are assembled.

### STORAGE

Store in a cool area out of direct sunlight.

Shelf Life > 12 months @ 20°C.

### HEALTH & SAFETY IN USE

**IRRITANT:** Contains Methacrylate Esters and some products contain small amounts of Acrylic Acid. 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 B660.

### TECHNICAL FEATURES

Resin	Dimethacrylate
Colour	Metallic silver / grey
Fixture Speed No Activator	10 - 15 mins
Fixture Speed With Activator	<5 mins
Viscosity	Thixotropic paste
Gap fill	0.5mm
Flash Point	>100°C
Shelf Life	12 month min
Specific Gravity	1.10
Max Operating Temperature	-55°C to + 150°C

### CURED PERFORMANCE

Full Cure Time	2-64 hours
Tensile shear strength	22 N/mm <sup>2</sup>
Minimum gap	0.05mm (fast cure)
Maximum gap	0.5 mm (slow cure)

### PRESENTATION

B660 is available in 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.