



Technical Data Sheet

Bondloc B290 Penetrating (Threadlocker)

PRODUCT DESCRIPTION

Penetrator Type B290 is a fast cure anaerobic securing compound which is very low in viscosity, thus enabling the wicking action to search into the voids in assembled components and cure anaerobically in the absence of air on close fitting metal parts.

APPLICATIONS

Penetrator B290 prevents loosening of metal threaded fasteners and secures close fitting cylindrical parts, sealing the parts from leakage.

USEFUL NOTES

Penetrator Type B290 can also be used as a weld sealant or porosity sealant, seeking out casting irregularities. The product can also fluoresce under UV lamps for inspection purposes.

INSTRUCTIONS FOR USE

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

PROPERTIES

A fast setting anaerobic which wicks in to already assembled parts searching in to the voids to set strong.

COMPATIBLE ACCELERATORS/PRIMERS

Low temperature, gap or substrates may require the use of activator with B290 Penetrant Grade.

STORAGE

Store in a cool area out of direct sunlight.
Shelf Life >18 months at ambient temperature.

TECHNICAL FEATURES

Resin	Dimethacrylate Ester
Colour	Green
Cure speed with Activator	Not recommended
Cure speed without Activator	7 minutes
Viscosity Brookfield Sp3 @20rpm@25°C	15-20 cps
Max Thread Size	M80
Flash Point	>100°C
Shelf Life	18 months
Specific Gravity	1.08
Temperature Range	-55°C to +150°C

TYPICAL BOND CHARACTERISTICS

Full Cure Time	12 hours
Typical Strength: ISO10964	16N.m
Range of Strength - Breakaway Prevailing	12N.m 28N.m
DIN 54454 Breakloose:	30N.m
DIN 54454 Prevailing:	40N.m

HEALTH & SAFETY

This technical information sheet does not constitute a Safety Data Sheet (SDS). Before using this product ensure you have read and fully understood this products SDS.

PACKAGING FORMAT

Bottles.....10ml,25ml,50ml, 250ml

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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 Safety Data Sheets (SDS) 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 consider accurate but are 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.

