

Technical Data Sheet

EBA542 HYDRAULIC SEAL & LOCKER

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EBA542 HYDRAULIC SEAL & LOCKER

PRODUCT DESCRIPTION

EBA542 Hydraulic Seal is a thixotropic liquid which cures Anaerobically to form a tough, high pressure seal on all types of threaded couplings used on low, medium and high pressure lines.

APPLICATIONS

EBA542 is used for all types of hydraulic connections, sealing against typical pressure line ratings, use Hydraulic Seal to fit valves, threaded couplings, adaptors, quick disconnect parts, compression fittings and vibration proofing joints.

USEFUL NOTES

For fast cure, clean parts and apply local heat to joints with a heat gun or soft flame.

PROPERTIES

EBA542 is tolerant of a light oil film. Seals up to 400 bar, 20mm fittings. Vibration proofs joints. Easily dismantled with tools.

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 EBA7471 (Standard Anaerobic Activator) or the faster EBA7649 Structural Accelerator can be used, however, up to 30% strength loss can occur when using accelerators. See chart.

STORAGE

Store in a cool area out of direct sunlight.
Shelf Life 2 years @ 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 Eurobond Material Safety Data Sheet EBA542.

TECHNICAL FEATURES

Resin	Dimethacrylate
Colour	Brown
Fixture Speed No Activator (see chart)	10 - 20 mins
Fixture Speed With Activator (see chart)	<5 mins
Spindle 2 @ 2.5 rpm	1000 to 2750 cps
Spindle 2 @ 20rpm	400 to 800 cps
Gap fill	0.05mm to 0.25 mm
Flash point	>100°C
Shelf life	2 Years @ 20°C
Specific gravity	1.06
Max operating temp	-55°C to + 150°C

CURED PERFORMANCE

Full Cure Time	12 hours
Typical breakway ISO 10964	15 N.m
Typical prevailing ISO 10964	>8 N.m
DIN 10964 Breakloose	24 N.m
DIN 10964 Prevailing	15 to 35 N.m
Typical Break and Prevailing	20N.m/15N.m

PRESENTATION

B542 is available in 10ml 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.

No liability is accepted for any injury, loss or damage arising directly or indirectly from the use of the Company's products or from the use of information given in our publications, which is intended to serve as a guide only. Customers should satisfy themselves by appropriate trials that the products are suitable for their intended use.