

SCREW GRADE THREADLOCKER

Product Code: D44WL



Product Description

Delta D44WL is produced from our latest non-hazardous technology incorporating a bespoke group of high purity raw materials. This unique future-proof technology ensures that the product label requires no hazard symbols or risk and safety phrases, and enables the product to comply with even the most stringent health and safety requirements.

Typical Applications

Delta D44WL is well suited to metal fastener applications, where prevention of vibrational loosening is required. D44WL is ideal on set screws, threaded nuts, bolts, screws, hex and slot driven components, including keyed fasteners.

Instructions For Use

1. For best results clean all surfaces with a cleaning solvent and allow to dry.
2. If the metal is inactive (see Compatibility Chart) apply suitable Delta D405 primer.
3. Shake the product thoroughly before application.
4. Apply the adhesive to the fixing position of the fastener onto the internal threads of a blind hole.
5. Use suitable methods to assemble components, and tighten to required torque level.
6. Allow to fully cure before applying load.



Properties of Uncured Material

RESIN	Dimethacrylate
COLOUR	Purple
VISCOSITY @ 25°C	
BROOKFIELD SP 2 @ 20RPM	900 - 1,500cps
VISCOSITY 2	Thixotropic
CURE SYSTEM	Anaerobic

Performance of Cured Material

FIXTURE SPEED	< 30Minutes
FIXTURE SPEED WITH PRIMER	<5 Minutes
FULL CURE TIME	24 hours @ 20°C
TYPICAL BREAKAWAY STRENGTH	-53°C to 148°C
TYPICAL PREVAILING STRENGTH	10,000psi
GAP FILL	0.018mm
TEMPERATURE RANGE	-530°C to 1480°C

Packaging

Delta D44WL is available in 10ml, 50ml, 250ml LDPE bottles. In addition, we can offer automated dispensing lines for the bulk dispensing of this material.

Health and Safety in Use

In case of contact with the skin, wash immediately with plenty of water. For full Health and Safety information please consult the MSDS.

LEGAL NOTE

The data contained within this Technical Data Sheet is furnished for information only and is believed to be reliable at the time of issue. We cannot assume responsibility for results obtained by others over whose methods we have no control. It is the responsibility of the customer to determine the products suitability for use. Delta Adhesives Limited accepts no liability arising out of the use of this information or the products described herein.

Storage: Store below 25°C • Safety: See SDS for full details • www.delta-adhesives.co.uk