



Stud Lock

All products in this range are quality checked and fully guaranteed.

Product description:

D270 Stud Lock is a permanent green coloured general purpose adhesive for permanent threaded assemblies. D270 locks studs up to 1", sealing against leakage and corrosion. It is chemical resistant, resisting fuels, lubricants and most industrial liquids and gases.

Applications:

D270 Stud Lock eliminates double nutting and/or welding of critical assemblies. Using D270 Stud Lock reduces casting thickness and ultimate lightness, reduced assembly stress and eliminates cracked castings due to interference fit stresses.

Useful notes:

Using D270 Stud Lock is easy, it is colour coded green to assist in selection. Because of its chemical resistance it is ideal in applications such as a sealant for refrigeration plant, air conditioning, big plant and process equipment using corrosive chemicals.

Properties:

Fast acting securing compound, giving retention strength and vibration proofing, typically 3000psi.

Instructions for use:

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

Procedure for application:

Product is normally applied from the bottle.

Storage:

Store in a cool area out of direct sunlight. Shelf life >12 months at 20°C.

Technical features:

| | |
|------------------------------|-----------------|
| Resin | Dimethacrylate |
| Colour | Green |
| Fixture speed no activator | 10 mins |
| Fixture speed with activator | 5 mins |
| Viscosity | 500cps |
| Gap fill | 0,25mm |
| 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 |
| Cure time with good % of final strength | 2 hours |
| Typical breakaway strength DIN | 40 N.m (25/55) |
| Typical prevailing strength DIN | 55 N.m (45/70) |
| Typical breakaway ISO 10964 | 26 N.m (16/36) |
| Typical prevailing ISO 10964 | 36 N.m (22/50) |



IRRITANT

Contains 2-hydroxypropyl methacrylate and trimethylolpropane triacrylate. Risk of serious damage to eyes. Irritating to respiratory system and skin. May cause sensitization by skin contact. Avoid contact with skin and eyes. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

Wear suitable gloves and eye/face protection.

Health & Safety at Work ect. Act 1974.

Control of Substances Hazardous to Health Regulations 1994.

COSHH Essentials.

EH40/series - Occupational Exposure Limits

Environmental Protection Act 1990.

Special Waste Regulations 1996.