

T971 Studlocker

Engineering Adhesives

DESCRIPTION

T971 is a permanent strength Studlocker. T971 locks studs up to 1" (25.4mm), sealing against leakage and corrosion. T971 is chemical resistant, resisting fuels and lubricants and gases, while also providing temperature resistance up to 175°C.

T971 has WRAS approval for hot & cold potable water.

Physical Properties (liquid product)	
Colour:	Red
Viscosity: 20°C Brookfield DVII	1200-1500cps
Specific Gravity	1.10
Max.thread diameter	M20
Max. gap filling:	0.15mm
Temp Range:	-55°C up to 175°C
Physical Properties (cured product) @20°C	
Measured on M10 x 20 bolt.	
Initial strength:	12-18 minutes
Final strength:	5-10 hours
Breakaway Torque (T _{BA}) :	<30N.m
Prevailing torque (T _P):	<38N.m

APPLICATIONS

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

T971 Studlocker eliminates double nutting and/or welding of critical assemblies. Using T971 Studlocker permits reduced casting thickness and ultimate lightness, reduced assembly stress and eliminates cracked castings due to interference fit stresses.

Due to its chemical resistance it is ideal in applications such as a sealant for refrigeration plants, air conditioning, big plant and process equipment using corrosive chemicals.

DIRECTIONS FOR USE

- Parts should be clean, dry and dust free.
- Degreased parts will assist results.
- Apply sufficient product to fill joint.
- Assemble parts.
- To achieve handling strength allow product to solidify (see initial strength).
- Store in cool conditions.
- Keep out of direct sunlight.

COMPATIBLE ACTIVATORS, ACCELERATORS & PRIMERS

Activators such as A471 Structural Activator or the faster A649 Structural Activator can be used; however, up to 30% strength loss can occur when using accelerators.

LIMITATIONS

This product is not recommended for use in oxygen rich systems

PACKAGING

Bottles: 50ml & 250ml

Bulk: 15kg



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STORAGE & SHELF LIFE

Store in a cool area out of direct sunlight.

Shelf Life: 12 months @ 20°C

HEALTH & SAFETY

Contains Methacrylate Esters

For further information please refer to Safety Data Sheet

