



PRODUCT DESCRIPTION

SAS Strength Retainer is designed to give High Strength Retention under Cyclic loading. It will retain its full strength and not suffer fatigue under load stress.

SAS638

APPLICATIONS

SAS638 is a cylindrical parts supplement, suited to Structural components such as cylindrical parts under dynamic load, keys, splines, even structural tubing with close tolerance fit.

USEFUL NOTES

Surface keying action is greatly increased by rough surface finish, giving higher Shear Strength. Ideal roughness is between 10-120 microns with a preferred tolerance of between 30-100 microns. The larger gaps over 175 microns can result in Ultimate Strength loss.

PROPERTIES

Fast Hold: 5-7 mins@25C

Short Ultimate Cure: <6 hours

Achieving 30N/mm(2) Static Shear

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.

TECHNICAL FEATURES

Resin	Urethane Acrylate
Colour	Green
Fixture Speed No Activator	5 mins
Fixture Speed With Activator	<5 mins
Viscosity	2500 cps
Gap fill	0.2 mm
Flash Point	>85°C
Shelf Life	12 months min
Specific Gravity	1.08
Max Operating Temperature	-55°C to + 150°C

CURED PERFORMANCE

Full Cure Time	24 hours
Static shear strength	30 N/mm ²

STORAGE

Store in a cool area out of direct sunlight.

Shelf Life > 12 months @ 20°C.

HEALTH & SAFETY IN USE

IRRITANT: Contains Methacrylate Esters and some products contain small amounts of Acrylic Acid.

Irritates the 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 the Material Safety Data Sheet.