



HIGH-PERFORMANCE EPOXY-BASED ADHESIVE

GENERAL DESCRIPTION

The products in the Soprifix range are high-performance micro-encapsulated adhesives. Their two-component epoxy-based formulation gives them exceptional bonding power.

Fasteners coated with Soprifix products secure your assemblies despite vibrations and provide locking and sealing for a wide range of applications: screws, nuts, threaded parts, etc.

These products are deposited in our factories and remain inert until assembly. As soon as the product is activated after screwing, the resin polymerises and ensures the locking and sealing of your assemblies within 72 hours (80% of resistance is obtained after 24 hours).



APPLICATIONS

Approved by major industrial groups for over 15 years, Soprifix products are used in a wide range of sectors: automotive, aerospace, defence, agriculture, furniture, electronics, luxury goods, rail, etc.

These adhesives are suited to the most demanding applications: inert materials such as stainless steel or plastics, surfaces with poor adhesion, high stresses.

They cover a wide range of needs for all professionals looking for performance in terms of adhesive locking.



PERFORMANCES

- High breakaway torque to prevent screwed fasteners from loosening
- Exceptional adhesion to most substrates
- Suitable for automatic assembly as it leaves little residue in vibrating bowls
- Performance exceeding the requirements of DIN267-27 and most automotive standards
- Low braking torque on screwing to avoid disturbing the tension in the assembly
- Resistance obtained quickly: 80% after 24 hours
- Resistant to a wide range of chemicals used in the automotive and aerospace industries
- 2-year shelf life on coated parts, allowing long storage with performance intact
- High operating temperatures



TECHNICAL DATA

	SO21B	SO22R
CHEMICAL BASE	Epoxy	Epoxy
COLOUR	Blue	Orange
USAGE	High locking	High locking
UNSTRESSED BREAKAWAY TORQUE*	30 N.m	30 N.m
TORQUE RESISTANCE ON SCREWING*	0.55 N.m	0.55 N.m
OPERATING TEMPERATURES	-54°C / +150°C	-54°C / +150°C
CURING TIME	72 hours	72 hours
DLU ON COATED PARTS	2 years	2 years
PFAS	No	No
BISPHENOL	No	No
REACH	Compliant	Compliant

*Tests carried out on M10 screws

HOMOLOGATIONS

Soprifix products exceed the requirements of many OEM standards and specifications.

Stellantis
Renault
Mercedes
Ford
General Motors

Bosch
Delphi
Bendix
Monroe
Eaton

John Deere
Caterpillar
Briggs & Stratton
TRW
Meritor

Schneider
Parker
Steelcase

