

SBK

SEALING AND LOCKING SYSTEM

- Easy to use.
- Fast curing.
- Temperature range: -55° C to + 150° C
- Seals instantly
- Safe against vibrations
- Chemical resistant
- anticorrosive
- WITHOUT HAZARD SYMBOLS
- NSF registered



NOTICE

All information including images are given with the greatest care. Still, it is appropriate to users regardless of the test the suitability of each product for their own purposes. Tech-Masters is not liable for the completeness and accuracy of information and refuses warranty for your specific use. The guarantee, which Tech-Masters products provide, relates only to the standard conditions of sale of this product. In no case Tech-Masters can be held responsible for incidental damages, or damages for improper use or sale of the product to another customer.

SUPER BLOCK

GENERAL INFORMATION

SUPER BLOCK UNIVERSAL BLUE is a general purpose product with excellent resistance against chemicals. Particularly suitable for applications on less active substrates such as stainless steel and plated surfaces where disassembly with hand tools is required. Controlled lubricity for accurate clamp forces. Prevents loosening and leakage from shock and vibration on nuts and bolts.
 Approved according to DIN EN 751-1 (DVGW). Not permitted for domestic gas house installations according to the German TRGI 86 / 96.
 SUPER BLOCK STRONG RED is

high strength thread locker for use on all metal fasteners (including stainless steel and those with protective coatings such as zinc) where regular removal is not required. Excellent for securing fasteners that must withstand heavy shock, vibration, or extreme chemical or environment conditions. Recommended for permanently locking studs on engine blocks and pump housings. The product has special lubricating qualities for use on fasteners "as received" for easy assembly and good coefficient of friction for accurate clamp forces.

TECHNICAL INFORMATION

STRONG - RED

Physical Properties (liquid product)
 Chemical Base: Diester of Methacrylic Acid
 Colour: red / fluorescent
 Viscosity: 25°C Brookfield RVT
 4000 - 7000 mPas spindle/ rpm 3/ 2,5
 1200 - 1800 mPas spindle / rpm 3/ 20
 Density: 1.11 g/cm³ 25°C
 Max. thread diameter: M 36
 Max. gap filling: 0.25 mm
 Flash point: > 100°C
 Shelf life: 1 year at room temperature

Physical Properties (cured product)
 Measured on M10 x 20 bolt - grade 8.8 zinc galvanised - nut 0.8d (no on-torque)
 Initial strength after: 10 - 20 minutes
 Functional strength after: 2 - 4 hours
 Final strength after: 3 - 6 hours
 Loose-break torque: > 20 Nm (M10) DIN 54454
 Prevailing torque: > 35 Nm (M10)
 Shear strength: > 20 N/mm² DIN 54452
 Thermal range: - 55°C up to +150°C

UNIVERSALE - BLUE

Physical Properties (liquid product)
 Chemical Base: Diester of Methacrylic Acid
 Colour: blue / fluorescent
 Viscosity: 25°C Brookfield RVT
 5000 - 9000 mPas spindle/ rpm 3/ 2,5
 1500 - 3000 mPas spindle / rpm 3/ 20
 Density: 1.12 g/cm³ 25°C
 Max. thread diameter: M 36
 Max. gap filling: 0.25 mm
 Flash point: > 100°C
 Shelf life: 1 year at room temperature

Physical Properties (cured product)
 Measured on M10 x 20 bolt - grade 8.8 zinc phosphated - nut 0.8d (no on-torque)
 Initial strength after: 5 - 15 minutes
 Functional strength after: 0,5 - 1 hour
 Final strength after: 1 - 3 hours
 Loose-break torque: ~ 21 Nm (M10) DIN 54454
 Prevailing torque: ~ 10 Nm (M10)
 Shear strength: ~ 20 N/mm² DIN 54452
 Thermal range: - 55°C up to +150°C

APPLICATION AND USE

- **ATTENTION:**
 The use of SUPER BLOCK UNIVERSAL BLUE is not recommended for threads, cut in copper or copper alloys, which have contact with hot water (> 40°C), without any preliminary testing.
- SUPER BLOCK universal blue = Alternativ-Product zu Loctite 243
 SUPER BLOCK strong red = Alternativ-Product zu Loctite 262.

Article nr	Name	Content	Section
T560001	Anaerobic Activator	100ml	ADHESIVES AND SEALANTS
T560501	Super Block blue	50ml	ADHESIVES AND SEALANTS
T560701	Super Block red	50ml	ADHESIVES AND SEALANTS

