

### Description

High strength anaerobic adhesive for locking and sealing thread connections.  
Specifically developed to obtain maximum of torque strength on brass.  
Highly resistant to heat, corrosion, vibrations, water, gases, oils, hydrocarbons and many chemicals.

### Physical properties

Composition : anaerobic methacrylate  
Colour : blue  
Viscosity (+25°C - mPa s) : 500 - 700  
Specific weight (+25°C - g/ml) : 1,1  
Gap filling : M20/0,15 mm  
Flash point : > +100°C  
Shelf life +25°C : 1 year in original unopened packaging

### Curing performance

Curing rate depends on the assembly clearance, material surfaces and temperature. Functional strength is usually reached in 1 – 3 hours and full curing takes 24 – 36 hours. In case of passive surfaces and/or low temperature a fast cure can be obtained using Loxeal activator 11.

### Curing properties

Bolt M10 x 20 Zn - quality 8.8 - nut h = 0,8 d at ++25°C  
Handling cure time : 15 - 30 minutes  
Functional cure time : 1 - 3 hours  
Full cure time : 5 - 10 hours  
Locking torque (ISO 10964) :  
breakaway : 25 - 35 N m  
prevailing : 45 - 55 N m  
Shear strength (ISO 10123) : 15 - 25 N/mm<sup>2</sup>  
Temperature range : -55°C/+150°C

### Directions for use

The product is recommended for use on metal surfaces.  
Clean and degrease parts before bonding with Loxeal Cleaner 10.  
Apply product to fill completely the gap, assemble parts and hold on for curing time. Liquid product can damage coating, some plastics and elastomers and late stress-cracking events might be induced if used with some thermoplastics. For application on non metal materials, contact Loxeal Technical Service.  
For disassembly, use normal tools and eventually heat pieces at +150°C/+250°C, remove any residue of cured product mechanically and clean parts with Acetone.

### Storage

Keep product in a cool and dry room at no more than ++25°C. To avoid contaminations do not refill containers with used product. For further information on applications, storage and handling contact Loxeal Technical Service

### Safety and handling

Consult Material Safety Data Sheet before use.

### Note

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