

Description

One component sealing adhesive based on MS polymers.

It's odourless, neutral and free of isocyanates. It cures with moisture producing a tough gum-like seal.

Useful to seal glass structures and surfaces, glaze, glazed metal panels, epoxy, polystyrene foam, PVC, steel, anodised aluminium and machined wood.

Not suitable for PE, PP, PTFE, bituminous surfaces applications, for underwater application and expansion joints.

Not to be painted with alkyl resin colours.

Physical properties

| | |
|------------------------------------------------------------------|-------------|
| Composition : | MS polymer |
| Colour : | grey, black |
| Application temperature : | +5°C/+40°C |
| Castability (ISO 7390) : | < 2mm |
| Specific weight (g/ml) : | 1,54 |
| Shelf life : 1 year at +5°C/+25°C in original unopened packaging | |

Curing properties (typical)

| | |
|-------------------------------------------|-------------|
| Leather time : | 10 - 15 min |
| Cure after 24 hours (+23°C - 55%RF) : | 2 mm |
| Acceptable joint elongation/contraction : | ± 25% |
| Paint after polymerisation : | yes |

Mechanical properties on 2 mm

| | |
|-----------------------------------|---------------|
| Hardness - Shore A (DIN 53505) : | 40 - 60 |
| Shear strength (DIN 53504) : | 1,2 - 1,8 MPa |
| Elongation at break (DIN 53504) : | 150 - 350% |
| Modulus 100% (DIN 53504) : | 1,7 MPa |
| Temperature range : | -40°C/+90°C |

Directions for use

The product is recommended for use on metal substrates.

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/+250°C, remove any residue of cured product mechanically and clean parts with Acetone.

Storage

Keep product in a cool and dry room at +25°C. To avoid contaminations do not refill containers with used product. For more information on applications, storage and handling contact Loxeal Technical Service

Safety and handling

Consult Material Safety Data Sheet before use.

Note

The data contained herein, obtained in Loxeal laboratories, are given for information only; if specifics are required, please contact Loxeal Technical Department. Loxeal ensures abiding quality of supplied products according to its own specifics. Loxeal cannot assume responsibility for the results obtained by others which methods are not under Loxeal control. It is user's responsibility to determine suitability for user's purpose of any product mentioned herein. Loxeal disclaims all warranties expressed or implied, including warranties of merchantability or fitness for a particular purpose, arising from sale or use of Loxeal products. Loxeal specifically disclaims any liability for consequential or incidental damages of any kind, including lost profits.