

**LOXEAL 59-40****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, 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. Colour may turn yellow with dark.

**Physical properties**

* Composition:	MS polymer
* Colour:	clear, grey, black
* Application temperature:	+5 / +40 °C
* Castability (ISO 7390):	< 2 mm
* Specific weight transparent (g/ml):	1,01
* Specific weight coloured (g/ml):	1,54
* Shelf life:	1 year at +5 / +25 °C

**Curing properties**

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

**Mechanical properties on 2 mm**

	Transp.	Coloured
*Hardness Shore A (DIN53505)	38	60
*Shear strength (DIN53504)	2,2 Mpa	2,2 Mpa
*Elongation at break (DIN 53504)	250%	250%
*Module 100 %	1,0 Mpa	1,7 Mpa
Temperature range:	- 40 / + 90°C	

**Directions for use**

The product is recommended for use on metal surfaces.

Clean and degrease parts to bond with Loxeal Cleaner 10.

Apply product in enough quantity to fill the gap.

Put together parts and wait till product is cured. The product in liquid form may damage coated parts and elastomers and the contact with some thermoplastics may induce stress-crackings non immediately evidenced. For application on non metal parts, 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 pieces 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

**Note**

The data contained herein, obtained in Loxeal laboratories, are given for information only. Loxeal cannot assume responsibility for the results obtained by others which methods are not under Loxeal control. It is the user's responsibility to determine suitability for the 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.