

GRAVIPOL thermo is a two-component sealant for bonding of a wide range of materials where long term stability of joint properties is required at elevated temperatures up to 150 °C.

APPLICATION

- bonding of metals, glass, ceramics and building materials
- repair of thermal and thermally stressed equipment
- possibility to use in the form of reparation sealant for the repair of car bodies, ships, etc.
- on wet surfaces

PROPERTIES

- does not flow and allows work on vertical surfaces
- resistant to common organic solvents, water, weak acids and bases
- possibility of casting components in silicone molds
- after curing, possibility of machining by all common procedures - grinding, milling, turning, etc.
- mechanical properties remain almost unchanged even after prolonged thermal stress

TECHNICAL PARAMETERS *

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|--|-----------------|
| ● shear strength after tempering for 2 weeks at 120 °C (steel-steel) | 14 MPa |
| ● shear strength after tempering for 2 weeks at 160 °C (steel-steel) | 14 MPa |
| ● shear strength after tempering for 2 weeks at 25 °C (steel-steel) | 14 MPa |
| ● shear strength after tempering for 2 weeks at 25 °C (steel-steel) | 12 MPa** |

** GRAVIPOL thermo was applied on wet surface * minimum values

<http://www.polymer.sav.sk/OKM-Expertises>