



SPECIAL VIBRATION-RESISTANT ADHESIVE

GRAVIPOL

power



GRAVIPOL power is a two-component adhesive specially developed for use in the construction of railway lines or in applications where joints need to withstand **dynamic loads and vibrations**. The adhesive is applied in a thin layer on both bonded surfaces.

APPLICATION

- bonding of metal, wood and combinations thereof
- fixation of screw joint

PROPERTIES

- does not require special treatment of bonded surfaces and is also applicable to partially contaminated surfaces, e.g. oily surfaces
- 4x higher strength than conventional joints
- does not flow and allows work on vertical surfaces
- applicable from +3 °C
- long term durability of bonded joints
- bond strength can be affected by material property (wood) and rust (metals)

TECHNICAL PARAMETERS *

- | | |
|---|----------------|
| ● shear strength (steel – steel) | 23 MPa |
| ● shear strength (steel – impregnated wood) | 8 MPa |
| ● shear strength (dry wood – dry wood) | 9 MPa |
| ● surface hardness | 70 °Sh |
| ● compressive strength | 100 MPa |
| ● tensile strength | 40 MPa |

* minimum values

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



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