



TECHNICAL DATASHEET

Penloc® GZ-109

Penloc GZ-109 is a high performance structural adhesive on acrylic basis. According to the application, it can be used with activator 550.

This adhesive from the product range GZ cures at room temperature, needs no mixing and has no pot life limit.

Penloc GZ-109 is a Structural adhesive with best temperature and humidity resistance.

Technical Data

Color	white
Resin	acrylat
Filler	Aluminiumoxid

UNCURED PROPERTIES

Viscosity (Brookfield LVT/25°C) [mPa*]	25000
Flash point [°C]	> 105

Curing

Handling Stenght	20-40 Sekunden
Full Strength	3-4 hours

Lap Shear Strength

Stahl	21	N/mm ²
Stahl mit öliger Oberfl.	10	N/mm ²
Aluminium	16	N/mm ²
Messing	16	N/mm ²
Polykarbonat	2	N/mm ²

CURED PROPERTIES

Temperature Resistance	-40 to 160 °C
Thermal conductivity	0,95 W/mK

Our data sheets have been compiled to the best of our knowledge. The information included in our data sheets is exclusive information for the tended user and describes characteristics, with no declaration of commitment. We recommend trials in order to confirm that our products satisfy the particular application requirements. For an additional technical consultation, please contact our RD department. In general, for guarantee claims, please refer to our standard terms and conditions.

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