



TECHNICAL DATASHEET

Penloc® GTI

Penloc GTI is a high-performance structural adhesive on acryl-basis.

One of the remarkable features of the Penloc GTI is its excellently flexibility, its high power on transfer and its good continualness on temperature.

Very well adhesion offers Penloc GTI on steel, aluminium, copper, chromium, brass, nickel, zinc, polyester, PVC; ABS, epoxidharz, glass, wood, concrete, stone a.o.

Technical Data

Color	transparent
Resin	acrylat

UNCURED PROPERTIES

Viscosity (Brookfield LVT/25°C) [mPa*]	5000
Flash point [°C]	> 16
Density [g/cm ³]	approx. 1.2

Curing

Handling Stenght	4-5 min.
Full Strength	4-6 hours

Lap Shear Strength

Stahl	27,3	N/mm ²
Messing	24,2	N/mm ²
Aluminium	22,4	N/mm ²
PVC	8,4 °	N/mm ²
PMMA	3,5	N/mm ²

CURED PROPERTIES

Temperature Resistance	-30 to 150 °C
Hardness Shore D	55
TG DSC :	50 to 55 °C

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.

Adhesives
and more...

XP.08.80

As a rule, the guidelines for application, storage and so on contained in our general Data Sheet on Penloc® apply.

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