



## TECHNICAL DATASHEET

## Penloc® GTH-T

Penloc GTH-T is a two component toughened acrylic adhesive to bond various metals such as steel, stainless steel, and aluminium as well ceramics, FRP, etc .

### Advantages:

- Excellent heat resistance
- Excellent water resistance and hot water resistance
- High viscosity
- Rapid bonding
- High bond strength
- Application requires no mixing

## Technical Data

Color	transparent
Resin	acrylat

## UNCURED PROPERTIES

Viscosity (Brookfield LVT/25°C) [mPa*]	8000 to 10000
Flash point [°C]	> 90
Pot-Life [min.]	approx. 2

## Curing

Handling Strength	5-10 min.
Full Strength	4-6 hours

## Lap Shear Strength

Stahl	28	N/mm <sup>2</sup>
Edelstahl	27	N/mm <sup>2</sup>
Aluminium	23	N/mm <sup>2</sup>

## CURED PROPERTIES

Temperature Resistance	-30 to 180 °C
Hardness Shore D	65 to 75

Our data sheets have been compiled to the best of our knowledge. The information included in our data sheets is exclusive information for the intended 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...