

# KLEIBERIT 570.2 Panel PUR A2

## 2C-PUR-Adhesive

### Field of use

Bonding:

- Sandwich panels made from mineral wool or EPS to metal sheet on specialised production plants

### Properties of the adhesive

Two-component, foaming

**Base:** Polyurethane

**Component A:** KLEIBERIT 570.2 Comp. A

**Component B:** KLEIBERIT 578.0 Comp. B

**Mixing ratio:** Comp. A : Comp. B = 100:40  
 parts by weight,  
 is equivalent to  
 Comp. A : Comp. B = 100:52  
 parts by volume

#### Specific weight (at 20° C):

Comp. A: 1.61 ± 0.03 g/cm<sup>3</sup>  
 Comp. B: 1.24 ± 0.02 g/cm<sup>3</sup>

#### Viscosity

- Brookfield RTV, Sp. 4/20 rpm (20° C):

Comp. A: 9,500 ± 1,500 mPa·s

- Brookfield RTV, Sp. 3/20 rpm (20° C):

Comp. B: 300 ± 80 mPa·s

**Colour:** Comp. A: black  
 Comp. B: brown

#### Reaction times:

(70 g mixture in a laboratory beaker at 20°C)

Start time 20 ± 5 seconds

Adhesion-free 90 ± 15 seconds

#### Raw density (free foamed):

125 ± 15 kg/m<sup>3</sup>

#### Combustion heat

(calorific value) according to DIN EN ISO 1716:

approx. 16,5 MJ/kg

**Identification:** See our safety data sheet

### Processing

Processing is performed in a specially designed sandwich panel plant.

Homogenise Comp. A before use.

Application quantity: 150 - 230 g/m<sup>2</sup>  
 (depending on the type of panel)

### Cleaning

We recommend the use of either cleaner KLEIBERIT 820.0, acetone or dichlormethane to clean working tools.

For cleaning and flushing the machine, observe the machine manufacturers instructions.

### Container sizes

**KLEIBERIT 570.2, Comp. A:**  
 plastic container, 1,350 kg net

**KLEIBERIT 578.0, Comp. B:**  
 plastic canister, 10 kg net  
 plastic container, 1,250 kg net

#### Cleaner

**KLEIBERIT 820.0:**  
 metal can, 22 kg net

Additional packaging sizes available upon request.

### Storage

Component A can be stored in the original sealed container for minimum 3 months at 20°C.

Component B can be stored in the original sealed container for minimum 6 months.

Both components are not frost sensitive above -20°C.

Warm both components to room temperature before use.

Both components must be protected from humidity and stored in well sealed packaging.

Component A is hygroscopic and the quality of the mixture can be affected by the absorption of humidity (over foaming or too low raw density).

Component B forms a skin upon exposure to humidity.

Version 03/11/2022 al; replaces previous versions

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