

KLEIBERIT 557.4.60 Comp. A

2C-PUR-Adhesive

Fields of use

Bonding:

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

Properties of the adhesive foam

Two-component

Base: Polyurethane
Component A: KLEIBERIT 557.4.60 Comp. A
Component B: KLEIBERIT 578.0
Mixing ratio: Comp. A : Comp. B = 100 : 40
parts by weight,
is equivalent to
Comp. A : Comp. B = 100 : 53
parts by volume

Specific weight (at 20 °C):
Comp. A: 1.65 ± 0.03 g/cm³
Comp. B: 1.24 ± 0.02 g/cm³

Viscosity

- **Brookfield RTV, Sp. 5/20 rpm (20 °C):**
Comp. A: 16,000 ± 2,500 mPa·s
- **Brookfield RTV, Sp. 2/20 rpm (20 °C):**
Comp. B: 300 ± 100 mPa·s

Colour: Comp. A: beige
Comp. B: brown

Reaction times:

(50 g mixture in a laboratory beaker at 20 °C)
Start time 37 ± 4 seconds
Adhesion-free 62 ± 5 seconds

Raw density (free foamed):
280 ± 20 kg/m³

Identification: See our safety data sheet

Heat of combustion

(Calorific value) according to DIN EN ISO 1716:
Approx.. 17.1 MJ/kg

Processing

Processing is performed in a specially designed sandwich panel plant.
Homogenise Comp. A before use.

Application quantity: 200-250 g/m²

Cleaning

We recommend the use of either Cleaner KLEIBERIT 820.0 or acetone to clean working tools.

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

Container sizes

KLEIBERIT 557.4.60, Comp. A:
plastic container , 1.400 kg net

KLEIBERIT 578.0, Comp. B:
steel drum, 250 kg net

Cleaner

KLEIBERIT 820.0:
metal can, 22 kg net

Additional packaging sizes available upon request

Storage

Components A + B can be stored in the original sealed containers for minimum 6 months.

Both components are not frost sensitive above -25°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 24/06/21 lz; replaced previous version

KLEIBERIT 557.4.60 Comp. A

Waste Disposal

Disposal of contents and/or containers should comply with all applicable federal, state and local regulations.
Our containers are made of recyclable material.

Service

Our application department may be consulted at any time without obligation. The statements made herein are based on our experience gained to date. They are to be considered as information without obligation. Please test and establish for yourself the suitability of our products for your particular purposes. No liability exceeding the value of our product can be derived from the foregoing statements. This also applies to the technical consultancy service which is rendered free of charge and without obligation.