

KLEIBERIT 557.2 Panel PUR A2

2C-PUR-Adhesive

Fields of use

Bonding of:

- Insulation panels made from polystyrene or mineral wool to metal sheet or other sheet material, for the manufacture of sandwiched insulating panels in specialised production plants

Properties of the adhesive foam

Two-component, solvent-free, foaming system

Base: Polyurethane

Component A: KLEIBERIT 557.2

Component B: KLEIBERIT 577.3

Mixing ratio: Comp. A : Comp. B = 100 : 90 parts by weight
(is equal to approx. 100 : 117 parts by volume)

Specific weight (at 20°C):

Comp. A: $1.53 \pm 0.03 \text{ g/cm}^3$

Comp. B: $1.18 \pm 0.02 \text{ g/cm}^3$

Viscosity

- Brookfield RTV(20°C):

Sp. 4/20 rpm Comp. A: $3,000 \pm 600 \text{ mPa}\cdot\text{s}$

Sp. 3/20 rpm Comp. B: $700 \pm 200 \text{ mPa}\cdot\text{s}$

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

Reaction times with Comp. B:

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

Comp. A : Comp. B = 50 : 45 parts by weight

Start time $14 \pm 3 \text{ seconds}$

Adhesion-free $38 \pm 4 \text{ seconds}$

Free rise density with Comp. B:

(free foamed) $85 \pm 10 \text{ kg/m}^3$

Combustion heat (calorific value) according to DIN EN ISO 1716: approx. 20.5 MJ/kg

Identification: See our safety data sheet

Processing

Homogenise Component A before and during processing.

When delivered in a plastic container (IBC), we recommend using an agitator with a dissolving disc in diameter of 150 – 200 mm to homogenise Comp. A. With the agitator, stir for 30 minutes at 1000 – 1500 rpm. Afterwards, Comp. A is homogeneous and can be processed for 3 days without filler sedimentation occurring. Processing is performed on a specially designed sandwich panel plant.

Cleaning

We recommend the use of either Cleaner KLEIBERIT 820.0 or acetone to clean working tools and as a flushing agent.

Container sizes

KLEIBERIT 557.2 Panel PUR A2,

Comp. A:

Steel drum, 250 kg net

Plastic container, 1400 kg net

KLEIBERIT 577.3 Panel PUR A2,

Comp.B:

Steel drum, 250 kg net

Plastic Container, 1250 kg net

Cleaner

KLEIBERIT 820.0:

Metal can, 22 kg net

Additional packaging sizes available upon request.

Storage

Component A and Component B can be stored in original sealed containers for minimum 6 months.

Components A + B are cold and frost resistant down to -20 °C.

Bring both components to room temperature before use.

Version 07/12/21 ga; replaces previous version

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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.