

KLEIBERIT 535.0 SupraFoam

2C PUR Foam

Rapid hardening

KLEIBERIT 535.0 SupraFoam consists of two components and hardens extremely fast and independent from moisture. No post pressure! Can be subjected to loading after just a few minutes.

Fields of application

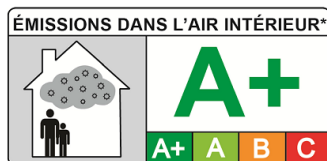
- Assembly of door frames
- Insulation of windows
- A wide range of assembly, filling and insulation applications

Advantages

- Very low-emission (EC1 plus) according to GEV EMICODE classification (GEV-licencing no.: 8659/01.01.11 dated 04.12.2017)



- Emission class A+ according to French VOC-regulation



- **Free from aerosol**
- No post pressure
- Can be subjected to loading after just a few minutes
- No moisturising of the brickwork is necessary
- Can be processed from + 10°C
- Building Material Class B2 / DIN 4102, part 1



KLEIBERIT 535.0 SupraFoam in the double cartridge

Properties

Base: 2 C polyurethane
Cartridge size: 250 g
Foam yield: approx. 5.5 litres

Processing temperature: +10°C to +30°C

Identification:

identification required according to EU regulations, contains 4.4' diphenyl methane diisocyanate. Whilst being used, suitable eye protection and protective gloves must be worn. (see our safety data sheet)

Note:

Intended for commercial use only.

Properties following processing

Tack-free after ca. 1 minute
Can be cut: after approx. 3-5 minutes
Removal of Braces: after approx. 20 minutes
Hardening: after 15-20 minutes at 20°C (at lower temperatures considerably longer)

Cell structure:

semi-hard, mainly open-celled

Fire characteristics:

B2 according to DIN 4102

Restricted to professional users

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Application techniques

Door frames and brickwork must be stable, clean, free from dust, oil and grease. Pre-treat plaster and aerated concrete using surface treatment KLEIBERIT 473.0. KLEIBERIT 535.0 SupraFoam functions between +10°C and +30°C.

The most favourable working temperature is 20°C.



1. Cut the top notch point of the cartridge with a sharp knife
2. Mount the mixing nozzle
3. If necessary, (narrow joint or deep lining), mount the extension tube onto the mixing nozzle
4. Insert cartridge into the hand pressure pistol. (foam pistol DZ). Avoid jerky pressure to maintain homogeneity.

A light beige colour of foam at the end of the mixing tube shows that the mixture is homogenous.

Instructions for Assembly:

Insert the door frame, align it and brace/ fix it near the lock and the lower hinge.
 Limit the foam spots underneath by inserting cardboard strips, (enclosed), into the gap into the brick wall.
 Fill cavities partially with foam - apply approx. 3 foam layers to the side walls, (in the area of hinge and lock).
 Increase the number of layers when assembling heavy or particularly stressed doors.

After having finished the foam application, remove the cartridge from the hand pistol and lay it down on a piece of paper or cardboard, as the contents of the mixing tube will spill out until the chemical reaction has finished. The foam can be cut after 3-5 minutes. Nevertheless, it is recommended that any surplus foam be cut off after 15-20 minutes, when the final strength has been achieved.

Cleaning

Immediately remove any fresh foam deposits with Cleaner KLEIBERIT 820.0 or PUR Cleaner KLEIBERIT 823.0.
 Hardened foam can only be removed mechanically.

Packaging

KLEIBERIT 535.0 SupraFoam:
 carton with 16 cartridges, 250 g each
 + application devices

Cleaner KLEIBERIT 820.0:

carton with 12 bottles, 756 g each

PUR Cleaner KLEIBERIT 823.0:

carton with 12 bottles, 500 ml each

Surface Treatment KLEIBERIT 473.0:

carton with 4 bottles, 475 ml each

Foam Pistol DZ KLEIBERIT 890.1

Additional packaging sizes available upon request.

Storage

Store the cartridges upright, in a cool and dry place. Protect from frost and from temperatures above +30°C.

KLEIBERIT 535.0 SupraFoam can be stored at +20°C for approx. 9 months.

At higher temperatures the storage time is reduced.

Version 24.01.24 ga; replaces previous versions

Disposal of containers and contents

Foam residual liquid - waste disposal key **080501**

Foam residual cured - Waste disposal key 080410

Cleaner and Primer residual liquid - waste disposal key **080409**

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.