

Supra-Foam DZ

Two-component PUR door foam, propellant free

SupraFoam DZ is free from propellant gas, and does not contain CFC's, which would cause damage to the environment. It is also free from formaldehyde and PCB.

Rapid hardening

SupraFoam DZ consists of two components which when combined, harden extremely fast, quite independent from any moisture. No post pressure! Can be subjected to loading after just a few minutes.

Doubled advantage

SupraFoam DZ provides almost twice the amount as opposed to the single cylinder cartridge. The conical construction of the cartridge ensures a perfect seal.

Fields of application

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

Advantages

- **Free from propellant gas**
- **Free from formaldehyde and PCB**
- 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
- The hardened foam does not contain any volatile materials such as CFC's, PCB, Lindane or Formaldehyde, etc.



(SupraFoam DZ in the double cartridge)

Properties following processing

Can be cut:	after 3-5 minutes
Hardening:	after 10-15 minutes at 20 °C (at lower temperatures considerably longer)
Cell structure:	semi-hard, mainly open
Fire characteristics:	B2 according to DIN 4102

Properties of SupraFoam DZ

Base:	2-component polyurethane
Cartridge size:	210 ml
Foam yield:	approx. 5.5 litres
Processing temperature:	+10° C to +30° C
Identification:	identification required according to the German hazardous substances regulations GefStoffV, contains 4.4' diphenyl methane diisocyanate. Whilst being used, suitable eye protection and protective gloves must be worn. (see our safety data sheet)

Application techniques

Door frames and brickwork must be stable, clean, free from dust, oil and grease. Pre-treat plaster and aerated concrete using KLEIBERIT Primer 535. KLEIBERIT Supra-Foam 3 plus 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 10-15 minutes, when the final strength has been achieved.

Cleaning

Immediately remove any fresh foam deposits with KLEIBERIT Thinner C 820 or KLEIBERIT PUR Cleaner 823.

Hardened foam can only be removed mechanically.

Packaging

KLEIBERIT Supra-Foam DZ:

carton with 16 cartridges, 150 ml each
+ application devices

KLEIBERIT Thinner C 820:

carton with 12 bottles, 900 ml each

KLEIBERIT PUR Cleaner 823:

carton with 12 bottles, 500 ml each

KLEIBERIT Primer 835:

carton with 6 bottles, 475 ml each

KLEIBERIT Foam Pistol DZ 890.1

Storage

Store the cartridges upright, in a cool and dry place. Protect from frost and from temperatures above +50° C.

KLEIBERIT Supra-Foam 3 plus can be stored at 20° C for approx. 9 months.

At higher temperatures the storage time is reduced.

EX0600

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.