

Filter Moulding Compound 575.8

Fields of use

- Bonding special filters

Advantages

- Self-thixotropic
- Individual components are low viscous but when mixed form a pasty-thixotropic mixture
- Bacteriostatic and fungistatic
- Temperature resistant to 120°C

Properties of the Adhesive

Two-component system, free of solvent and softener

Base:	Polyurethane
Component A:	Filter Moulding Compound 575.8
Component B:	Filter Moulding Compound 575.9
Mixture ratio:	Comp. A : Comp. B = 100 : 50 to 100 : 45 ppw Comp. A : Comp. B = 100 : 45 to 100 : 41 ppw
Specific weight at 20° C:	Comp. A = 1.10 ± 0.02 g/cm ³ Comp. B = 1.23 ± 0.02 g/cm ³
Viscosity at 20°C	
- Brookfield, Sp.3/20 rpm:	Comp. = 1,200 ± 200 mPa·s
- Brookfield, Sp.2/20 rpm:	Comp. B = 130 ± 30 mPa·s
Consistency:	Briefly liquid when applied, then firm
Open time (20°C and 50 g mixture):	7 to 8 minutes
Colour of the mixture:	Beige
Hardness (Shore D):	57 ± 10
Identification:	Comp. B: Identification is required acc. to the German hazardous substances regulations GefStoffV. Contains 4,4'Diphenylmethandiisocyanate (See our safety data sheet)

Processing

It is recommended that this PUR-system be processed in continual serial production using a two-component mixing and dosing plant with a dynamic mixer.

We would be pleased to provide detailed information of manufacturers upon request.

The parts to be bonded must be dry and clean of dust and grease.

The polyol components (comp. A) must be homogenised before and during processing.

The material is so set that when it emerges from the mixing chamber of the dosing machine it is initially fluid and then after a few seconds becomes firm. As a result, a layer of 3-5 mm can be built-up on the filter frame element. If the element is stood vertically, after approx. 10 seconds none of the moulding compound will slide down the element.

Cleaning

We recommend that KLEIBERIT Cleaner 820.0 Toluene-free be used to clean tools and equipment. When cleaning the mixing and dosing plant please observe the manufacturers instructions.

Container Sizes

KLEIBERIT Filter Moulding Compound 575.8 Comp. A

Metal pail, approx. 4 kg net

Metal drum, approx. 220 kg net

KLEIBERIT Filter Moulding Compound 575.9 Comp. B

Metal can, 32 kg net

Metal drum, 220 kg net

IBC, 1,200 kg net

KLEIBERIT Cleaner 820.0 Toluene-free:

Metal can, 22 kg net

Additional packaging available upon request.

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Storage

KLEIBERIT Filter Moulding Compound 575.8 Comp. A and KLEIBERIT Filter Moulding Compound 575.9, Comp. B can be stored in the originally sealed containers at 15-25°C for approx. 12 months.

Component A must be homogenized before and during processing.

Component A congeals at temperatures below +8°C and becomes liquid again at storage above +15°C.

Comp. A is not damaged when exposed to frost.

Component B is resistant to frost to a limited extent and can therefore be transported and stored at temperatures down to -5° C. Temperatures below -5°C damage Comp. B!

EX0410; replaces previous versions

Disposal of containers and contents

Componente A - waste disposal key 080410

Komponente B - waste disposal key 080501

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 in this document are based upon our experience gained to date and are not legally binding as defined by German law. 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 and also not for the technical consultancy service which is rendered free of charge and without any obligation.