

Technical Bulletin: **PU Safe® Filler**

Product description

PU Safe® Filler is a sealing compound for use on PU foam as a filler for blowholes during window and door installation. The variable permeability of *PU Safe® Filler* allows it to be used both indoors and outdoors. *PU Safe® Filler* dries plastoelastically, waterproof, chemically neutral, and odourless. The high flexibility of the filler is particularly important for thermal and structural movements of the building elements, as this ensures an uninterrupted sealing surface. *PU Safe® Filler* has good adhesion to all conventional building materials. These include PVC and aluminium coated with paint or coloured plastic foil.

Ingredients

Polyacrylate dispersion, additives, zinc oxide, silicates, water

Product group / GIS code

BSW20

The information in the current safety data sheet apply.

Scope of application

PU Safe® Filler is a sealant for use on PU foams as a protective coating for window and door assembly.

Product specific properties

material characteristics:

- Solid content EN ISO 3251: 60 % (+/- 1,5%)
- Loss on ignition DIN EN ISO 3451-1, 1g, 550°C, 1h: 0.04 %
- Density kg/l ISO 2811-1: 0.6280
- pH (HANNA HI2020- edge): 8.2
- Viscosity Brookfield type DV-E / spindle 07, 50 RPM / DIN 53211: 61,000 cP

VOC Regulation (EC)

This product contains < 7 g / l VOC.

Substrate preparation

The movement joint between window and reveal must be filled exactly with PU foam. The PU foam must be dry and hardened. The excess foam must be cut off and small holes up to an area of 0.25 cm² filled with *PU Safe® Filler*. For larger holes, these must be filled with PU foam again to maintain the continuity of the thermal insulation layer. The substrate must be clean and dry.

Application

Cut open the *PU Safe® Filler* cartridge with threaded head and screw on the nozzle. Cut the nozzle tip at an angle according to the holes and insert the cartridge into the gun. Insert the *PU Safe® Filler* firmly and evenly into the holes using the pressure gun. Smooth the surface with a spatula or moistened brush before skin formation begins. Then immediately (without drying) apply *PU Safe® Coating* twice.

The air and object temperature should not fall below 5 °C during application. This also applies to the drying phase.

Consumption

The average consumption of *PU Safe® Filler* is about 2 g (dimension 10x10x10 mm).

Cleaning of tools

Thoroughly rinse out tools with water immediately after use.

Storage and transport

Store *PU Safe® Filler* in a cool but frost-free place and transport. Seal open containers well and process as soon as possible. Shelf life from date of manufacture: 12 months.

Delivery form

200 g cartridge

Disposal

Do not allow product residues to enter drains, water, or soil.

Only empty containers for recycling. Hand over product leftovers to the responsible collection points.

Waste code No. 080120 according to the EC Waste Catalog.

Security notice

The content of the technical bulletin manifests no contractual legal relation. In any case, the applicant / customer must consider the material's utilizable under practical conditions before application.

Do not allow to enter drains, water courses or soil. Keep away from food, drinks and feeding stuff. Keep out of the reach of children. Protect surfaces not to be treated by taking appropriate measure. Avoid contact with skin and eyes. Where applying with spraying method, avoid the inhalation of emerging dust. Before-mentioned information becomes invalid at release of a new technical bulletin by SICC Coatings GmbH in laboratory and practice as guideline values. The product information is given to the best of our knowledge and according to the current state of technology. Environmental influences, materials, application equipment and application methods are beyond our control and therefore out of our responsibility. SICC©2020