

Assembly Foam 3132

Montageschaum 3132

Single-component polyurethane foam for installation, bonding, filling and insulating (not suitable for ETIC Systems)

Properties

Single-component, moisture hardening polyurethane foam. With excellent adhesion on a number of conventional building materials. With excellent noise-insulation, insulating and thermal insulation properties, as well as aging-resistant characteristics.

Field of application

Very suitable for filling and sealing cavities between brickwork and window frames, window sills, shutter guide casings, etc. Also suitable for insulating pipe routing for sanitary and heating installations as well as installation and insulation activities. Suitable for use on materials including concrete, plaster, brickwork, wood and numerous plastic materials (polystyrene, PUR hard foam, polyester, hard PVC). Not suitable for use in heat insulation compound systems. Also unsuitable for application in water and for filling larger, sealed cavities without access of humidity.

Material description

Color shade: yellow

Basis: Polyurethane

Building material class:

"normal entflammbar" B2 (flammable)

In accordance with DIN 4102-1

Raw density (joint foam):

approx. 25–35 kg/m³

Thermal conductivity λ :

Approx. 0.035 W/(m·K)

according to DIN 52612

Compressive strength at 10% compression: 5 N/cm²

Temperature resistance:

-40°C to +90°C

Yield (freely applied foam):

Up to 29 l

Packaging: 500 ml container (pressurized) 12 units/box

Use

Preparation

Prior to each use shake container well at minimum 20 times. Remove the protective cap and screw the adapter onto the valve.

Substrate preparation

Adherend surfaces must be clean, solid, load-bearing and free from oil, grease, efflorescence, sintered layers and separating agents. All adherend surfaces must be slightly wet prior to applying foam.

Prime substrates containing gypsum and porous substrates using Lacryl Deep Penetrating Primer ELF 595.

Foam application

Hold the container with the valve facing downwards! Dose the escaping quantity by pressing the valve lever accordingly.

Dose sparingly as a result of the severe expansion of the escaping foam.

Apply foam to the joint or openings in one go. Start applying foam to cavities from the lowest point. Fill by applying several layers and in this process, keep moistening the surfaces especially with larger joints and cavities (deeper than 5 cm). Keep moistening the substrate prior to applying a new layer. Apply foam to vertical joints and cavities from the bottom up and do not overfill. (PUR foam expands by a factor of 2–3).

Secure unstable or unsecured components against movement, elongation or distortion by positioning counter supports. Only remove these supports after the foam has cured. Cut off potentially protruding foam after it has cured.

We recommend carrying out adhesion and compatibility tests on the corresponding substrate.

Consumption

Content expands to approximately 29 liters when freely applying foam. Temperature, humidity and size of the cavity (counter-pressure) to which foam is applied determine the materials' covering rate.

Application temperature

Do not apply below +5°C and over +35°C air and object temperatures; also during curing time. Ideal application at +20°C.

Drying**(+20°C, 50% relative humidity)**

Suitable for cutting after approximately 30 to 60 minutes. Load-bearing after approximately 3–4 hours. Drying depends on the applied quantity, ambient humidity and temperature.

Storage

Protect from sunlight and temperatures over +50°C, store horizontally in a dry place that is as cool as possible, between +5°C and +20°C. Suitable for storage for approx. 12 months.

Declaration

Note the current danger notices and safety advice on the container. Comply with the specifications in the current Safety Data Sheet.

Product code

Not stated.

Notes**Not for fire safety doors and elastic joints**

Do not use for fire safety doors. Unsuitable for a formation of elastic connection and sealing joints as well as building expansion joints.

Not resistant to UV

Not resistant to UV. Protect the foam gap from UV exposure when applied outdoors (e.g. by sealing with sealant).

Masking and protecting

Mask adjacent surfaces and walls or floor surfaces within the work area prior to use. Immediately remove foam spray using PUR cleaner or acetone. It is only possible to remove cured foam mechanically.

Transport

Do not keep containers in the interior of vehicles! Only transport in the trunk when secured.

Remark

This Data Sheet has been prepared taking into account the current applicable German laws, standards, specifications and codes of practice. All details have been translated from the current German version. The contents do not form a legal contract. The user and/or the purchaser is not released from the responsibility of checking that our products are suitable for the proposed use. In addition our Terms of Conditions and Payment apply.

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