

Capatect-Füllschaum B1 056/00

One-component PU filling foam for foaming joints between insulation boards

Product Description

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| Field of Application | For low-tension and heat-insulating foaming of open butt and bed joints up to 5 mm wide between facade insulation boards. Filling of cavities and joints. |
| Material Properties | <ul style="list-style-type: none"> ■ Safe avoidance of thermal bridges ■ Moisture curing ■ Sound-absorbing ■ Low expansion foam for exact dosing ■ Very good adhesion to rigid polystyrene foam, rigid PVC etc. ■ Short flow and curing times for fast application ■ Can be used for a longer time after opening |
| Packaging/Package Size | Recycled cardboard box with 12 aerosol cans à 750 ml (pressurised) Capacity approx. 45 litres |
| Colours | Light grey |
| Storage | Cool, dry and upright, protect from direct sunlight and temperatures above 50° C. Shelf life in original sealed packaging min. 12 months. (Use-by date on bottom of can). Observe storage regulations of TRG 300. |
| Technical Data | <ul style="list-style-type: none"> ■ Propellant: CFC-free ■ Foaming: approx. 30-40 ■ Water absorption: approx. 0.3 % by volume ■ Heat conductivity: ca. 0,035 W/(mK) ■ Temperature resistance: -40°C to +90°C, short-term +130°C ■ Raw density: After curing in cavities: 20-25 kg/m³ ■ Fire behaviour: German Building authority test certificate P-NDS04-245 for proof of fire behaviour: flame-retardant (DIN 4102 - B1) in cured state ■ Consistency: inside aerosol can: liquid after application: foam - sticky up to solid |
| Supplementary Product | <ul style="list-style-type: none"> ■ Capatect Reiniger für Füllschaum B1 056/10: Special cleaner; acetone-based Carton containing 12 cans of 500 ml; Carton to use for recycling of empty cans. ■ Capatect Dosierpistole für Füllschaum B1 056/20: Foam gun; 1 unit in Carton Operation instruction enclosed |
| Product No. | 056/00 |



Application

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| Suitable Substrates | <p>All edges of the joints to be filled with foam must be stable, free of oil/grease and load-bearing. If window sill cavities are to be filled with foam, the window sills must be stabilised with wall anchors at the prescribed maximum distance.</p> <p>Open insulation board joints can be filled with foam up to a maximum joint width of 5 mm in accordance with DIN 55699 and the "allgemeinen bauaufsichtlichen Zulassung" (general building authority approval).</p> |
| Substrate Preparation | Slightly moisten all adhesive surfaces before foaming. |
| Consumption | <p>Depending on the respective joint width Can content of 750 ml expands to approx. 40 dm³ during free foaming.</p> |
| Application Conditions | <p>Temperature, humidity and cavity size (pressure) influence the density and yield.</p> <p>During application and in the curing phase, the ambient and substrate temperatures must not fall below +5° C and must not exceed +35° C. Optimum can temperature: 20° C. Do not store cans in direct sunlight.</p> |
| Drying/Drying Time | <p>Depending on humidity, temperature and foam thickness:</p> <ul style="list-style-type: none"> ■ tack-free after approx. 10 min. ■ can be cut after approx. 45 min. ■ Can be recoated after approx. 24 hours |
| Tool Cleaning | <p>If the foam remains unpressurised in the dispensing gun, it hardens in the delivery channel, rendering the unit unusable. Cleaning is therefore essential if the can is not changed immediately after emptying.</p> <p>Replace the emptied filling foam can with a cleaner can (see supplementary products) and spray the gun thoroughly until the spray jet is free of foam residues.</p> <p>After approx. 15 minutes, repeat the spraying process and unscrew the cleaner can.</p> <p>Remove the excess cleaner from the adapter with a cloth. Spray the adapter thread with Vaseline spray to prevent adhesion between the cleaner and the filling foam can.</p> |
| Application | <p>Shake the can vigorously approx. 20 times and then screw it upside down onto the dispensing gun according to the operating instructions.</p> <p>Always hold the dispensing gun so that the attached can is at the top and the dispensing lever is at the bottom. Activate the trigger to release the foam outlet (if necessary, regulate with the dosage screw). Apply foam sparingly with the valve tip in a continuous line into the joint.</p> <p>Open butt joints and bearing joints between the insulation boards must be filled with the fresh foam strand to 30-40 % of the cavity; the foam then expands to approx. 2 to 3 times the volume. When cured, the foam must completely fill the joint cavity, not only at the visible surface. For larger cavity volumes and thicker layers (e.g. foaming under window sills), several layers must be applied with intermediate moistening.</p> <p>The foam parts protruding over the front edge of the insulation board are to be worked on only after complete hardening, cut off flush with a sharp knife or similar and, if necessary, grinded so that an even basis for the reinforcement layer is obtained.</p> <p>Interruptions of work - even for longer periods - are possible at any time as long as the can remains connected to the dispensing gun unchanged. However, if an empty can is not immediately replaced by a full one, the dispensing gun must be cleaned. Before replacing, the can must be well emptied - spray any residual quantities into a waste bag until no more foam comes out of the gun.</p> |

Advice

TECHNICAL INFORMATION NO. 056

Special Risks (Hazard Note) / Safety Advice (Status as at Date of Publication)

Extremely flammable aerosol. Pressurised container: May burst if heated. Causes skin irritation. May cause an allergic skin reaction. Causes serious eye irritation. Harmful if inhaled. May cause allergy or asthma symptoms or breathing difficulties if inhaled. May cause respiratory irritation. Suspected of causing cancer. May cause damage to organs through prolonged or repeated exposure. If medical advice is needed, have product container or label at hand. Keep out of reach of children. Do not handle until all safety precautions have been read and understood. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not spray on an open flame or other ignition source. Do not pierce or burn, even after use. Do not breathe vapours/ spray. Do not get in eyes, on skin, or on clothing. Use only outdoors or in a well-ventilated area. Wear protective gloves/ protective clothing/ eye protection/ face protection. Store locked up. Protect from sunlight. Do not expose to temperatures exceeding 50 °C/ 122 °F.

Contains: 4,4'-methylenediphenyl diisocyanate. "As from 24 August 2023 adequate training is required before industrial or professional use." Persons already sensitized to diisocyanates may develop allergic reactions when using this product., Persons suffering from asthma, eczema or skin problems should avoid contact, including dermal contact, with this product., This product should not be used under conditions of poor ventilation unless a protective mask with an appropriate gas filter (i.e. type A1 according to standard EN 14387) is used.

Disposal

There is a take-back guarantee for the polyurethane foam cans within the framework of the PDR recycling system. The original delivery carton filled with 12 empty cans is accepted and recycled free of charge as a return unit. Please note the instructions on the box. Dispose of non-empty cans according to EWC 150199 (packaging with harmful contaminants). Disposal 056/10: as 056/00

Risk and Transportation Markings

See safety data sheet

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All suggestions and application instructions herein are based on our latest technical experience. Due to the wide variety of individual project conditions, we cannot be held responsible for their content. These instructions do not release the purchaser/ applicator from his responsibility to determine the suitability of the product in consideration of the project characteristics. These instructions are to be considered void when a new edition is released. Our general conditions of sale and delivery in their latest edition apply. This document is a translation of our German Technical Information No.056 · Capatect-Füllschaum B1 056/00 · Issued: January 2023