

Capatect-Füllschaum B1 056/00

One-component, self-expanding and moisture curing ready to use polyurethane foam



Product Description

Field of Application	<p>Low tension polyurethane foam for filling of joint leaks and small holes to avoid thermal bridges within Capatect ETICS* A and B and between insulation boards and construction elements like window sills.</p> <p>* ETICS = External Thermal Insulation Composite System <i>Brit. term:</i> EWI = External Wall Insulation <i>Am. term:</i> EIFS = External Insulation and Finish System</p>
Material Properties	<ul style="list-style-type: none"> ■ Moisture curing ■ CFC-free ■ Excellent adhesion on nearly all current substrates ■ Non-sticking foam surface after approx. 7 minutes ■ Complete curing within 6 - 24 hours depending on temperature and quantity ■ low reboil without tension ■ not UV resistant
Packaging/Package Size	<p>Carton containing 12 pressurised aerosol cans of 750 ml (Carton also to use for recycling of empty aerosol cans)</p>
Colours	<p>Beige</p>
Storage	<p>Cool, dry and standing upright; protect from insolation and temperature > 50 °C. Shelf life: approx. 9 months (see expiry date on bottom of can)</p>
Technical Data	<ul style="list-style-type: none"> ■ Heat conductivity: ≤ 0.040 [W/m K] ■ Temperature resistance: up to 100 [°C] ■ Raw density: after curing in hollow spaces: 20 - 25 [kg/m³] ■ Fire behaviour: German general appraisal certificate P-NDS04-245 on fire behaviour of hardened material: "schwerentflammbar" (of low flammability) B1 according to DIN 4102 Suitable for filling joints within mineral wool insulations without degradation of fire-behaviour of the complete system according to certificate of FMFA Leipzig ■ Consistency: inside aerosol can: liquid after application: foam - sticky up to solid ■ Dimension stability: Good dimensional stability; no reboil/extension on wet joint sides



Supplementary Product

- 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

Suitable Substrates

Joint edges must be sound, stable and free of oil / grease-free and load bearing. Insulation board joints open up to a width of 5 mm can be foamed according to DIN 55 699 "processing of ETICS". See also national regulation.

Window sills are to stabilize by wall fastener (max. distance 0,7 m) before lathering / laying in foam.

Substrate Preparation

Moisten slightly all bonding surfaces prior to foaming to get a good adhesion and to avoid reboil.

Consumption

The content of a 750 ml aerosol can expands up to approx. 40 dm³ (free foaming). Temperature, moisture and dimensions of cavities have an influence on density and yield.

Application Conditions

Working temperature:

The ambient and substrate temperatures may not fall below +5 ° C during application and curing process. Optimal can temperature: 20 ° C. Min.

Tool Cleaning

Pressureless foam within the foam gun will harden inside the conveyer conduit. The tool will be useless. A tool cleaning is essential, if an empty can will not be exchanged directly:
Replace an emptied foam can with a cleaner can (see complementary products) and spray intensively, until spray is free of foam residues. Allow to react for approx. 15 minutes and spray again, then remove the cleaner can.
Remove excessive cleaner from adaptor with a cloth and apply Vaseline® spray on its thread to avoid sticking effect between cleaner and foam can.

Application

Always keep foam gun upright i.e. the mounted can on top and the dispensing lever located below. By pressing the trigger foam is released (if necessary adjust the metering screw). Insert a sparing quantity of foam into joints as a continuous strand.

Vertical and horizontal joints between insulation boards are to be filled with the fresh foam strand to 30-40% of the cavity. The foam expands to about 2 - to 3-fold volume.

Cured foam must fill the hollow spaces completely – and not only on the visible surface. In cases of greater hollow space volumes and higher layer thicknesses apply several layers. Prime each layer by moistening.

Foam which wells out over the insulation boards leading edge should be allowed to cure. Cut off the cured material completely with a sharp knife flush with the boards surface and/or treat with sandpaper, if necessary, to obtain a smooth substrate for the application of reinforcement layer.

Breaks – also for longer periods – are possible at any time, while the can is connected with the foam gun.

Foam guns must be cleaned, if a completely emptied can is not immediately substituted by a new one.

Before changing the can must be emptied well - inject any remaining amounts in a garbage bag until no more foam comes out of the gun.

Preparation of Filling Foam

Shake the can intensively for approx. 10 seconds before screwing on top of the foam gun.

Advice

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

Product only for commercial processing.
 Highly flammable.
 Irritating to eyes, respiratory system and skin.
 Evidence of a carcinogenic effect.
 Sensitization by inhalation and skin contact.
 Harmful: danger of serious damage to health by prolonged exposure through inhalation.
 May cause long-term adverse effects.
 May cause harm to breastfed babies.
 Do not breathe vapor.
 Wear appropriate protective gloves and protective clothing.
 In case of accident or malaise seek medical advice immediately (if possible show the label).
 Use only in well ventilated areas.
 This material and its container at hazardous or special waste.

Contains isocyanates.
 Instructions of the manufacturer (MSDS) note.

Identification as aerosol: Can/container is under pressure.
German regulation of dangerous materials: GefStoffV § 12 (4)

Protect from direct sunlight and temperatures above 50 ° C. Do not open or burn, even after use.
 Do not spray on a naked flame or any incandescent material. Keep away from sources of ignition.
 No smoking.
 Keep out of reach of children.
 For people who are already sensitized to diisocyanates, the use of this product can trigger allergic reactions.
 Avoid contact with the product (also skin contact) in case of asthma, eczema or skin contact problems.
 Do not use product with inadequate ventilation or wear respirator with appropriate gas filter (type A1 according to EN14387).

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Irritating to eyes. Repeated exposure may cause skin dryness or cracking. Vapours may cause drowsiness and dizziness. Keep container in a well-ventilated place. Use only in well-ventilated areas. Take precautionary measures against static discharges. Do not breathe aerosol.

Disposal

Materials and all related packaging must be disposed of in a safe way in accordance with the full requirements of the local authorities.

Particular attention should be made to removing wastage from site in compliance with standard construction site procedures.

Germany: Back guarantee within PDR-recycling system for the polyurethane foam cans. The original carton filled with 12 empty cans is accepted as a return-free unit and recycled. Please note instructions on the carton.

Dispose not emptied cans as per EWC 150 199 (packaging with harmful impurities).

Disposal of 056/10 such as 056/00

Labelling ADR / RID: Class 2/ N° 5F
 Labelling according to Regulation:
 F + "extremely flammable",
 Xn "Harmful", containing 4,4 '-diisocyanate and isomers, homologs and mixtures
 See also Material Safety Data Sheet (MSDS)

Risk and Transportation Markings

Giscode

PU 80

Customer Service Centre

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