



ZETTEX
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TECHNICAL DATA SHEET

Winterfoam

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Product description

Zettex Winterfoam B2 is an air humidity curing pre polymerized mixture in an aerosol can. Cured foam is a good temperature and sound insulator and has strong adhesive properties and has a fire rating to B2 (DIN 4102 -1). Adheres well to most building materials, with the exception of PTFE, polyethylene and silicon surfaces. Cured foam is sensitive to UV-light and direct sunlight.

Material

Polyurethane

Application

Foam is used for installation of doors and windows, insulation and fixation of tubes, filling of holes and gaps, fixation of wall panels and roof stones, and for thermal insulation. Hold the foam can in upright position, turn the gun to the can by holding the gun handle with one hand, and turn the can with the other hand. Make sure that the gun is not pointed to other persons when turning it. The can must not be screwed to the gun with the valve upside down or by turning the gun on the can. After fixing the gun, shake the can well at least 20 times. The foam output can be adjusted by gun trigger. At low temperatures foam can must be warmed before work in warm room or water. Temperature of room or water must not exceed +30 °C.

Application conditions

Air temperature during application -5 °C...+30 °C, best results at +20 °C. Can temperature during application +5 °C...+25 °C, best results at +20 °C. Surfaces must be clean from dust, loose particles and oil before foam is applied. Substrate should be moistened as the foam expands due to the moisture. A moistened surface ensures better results.

Packaging

Aerosol 750 ml (NBS)

Storage conditions

Can must be stored and transported in vertical position. Store in a cool and dry place. Store at temperatures +5 °C...+30 °C. Aerosol can must not be stored at temperatures over +50 °C and in direct sun.

Safety regulations

Can contains diphenylmethane 4,4-diisocyanate. Dangerous when inhaled. Irritates eyes, skin and respiratory organs. Inhalation of gas may cause allergy. In case of eye-contact rinse thoroughly with water and seek medical help. Do not smoke during work! Make sure that there is good ventilation, use protection means when necessary. Keep out of the reach of children. Detailed safety information is available on safety data sheet (SDS).

Certificates



Properties	Specifications
Shelf life	12 months

Tack free time	10-12 min.
Cutting time (30 mm bead)	30-35 min.
Completely cured in joint (+23 °C)	Max. 12 hours
Completely cured in joint (+5 °C)	Max. 18 hours
Density	20-25 kg/m ³
Fire class of cured foam (DIN 4102-1)	B2
Volume decrease	Max. 2%
Expanding volume	30%
Flash point of cured foam	400 °C
Tensile strength (BS 5241)	10 N/cm ²
Compression strength at 10% (DIN 53421)	2,5 N/cm ²
Thermal conductivity	0,034 W/(m·K)
Sound reduction index RST,w	60 dB
Temperature resistance of cured foam	long term: -50°C ...+90°C short term: -65°C ...+110°C