

ARBOSEAL^{PRO}

B3 Gap Filling Foam Gun Grade

MULTI-USE FOAM, GOOD ADHESION TO MOST BUILDING MATERIALS

ARBOSEAL Pro B3 Gap Filling Foam Gun Grade is a one-component, ready to use polyurethane gun foam for various building applications, including sealing of joints and penetrations, thermal and acoustic insulating, installation of window and door frames. Very low curing pressure and moderate post expansion avoid deformation of building elements.

Main Applications

ARBOSEAL Pro B3 Gap Filling Foam Gun Grade is suitable for window & door frame installation, joint sealing, penetration sealing and sealing of thermal & acoustic insulation boards. Adheres well to most materials such as wood, concrete, stone, plaster, metal, PVC and polystyrene.

Application Instructions

Application conditions

- Air temperature during use: +5 °C to +30 °C. Make sure the ambient temperature stays within this range until the foam has fully cured.
- Can temperature during application: +5 °C to +25 °C, best results at +20 °C.

Surface preparation

- Air temperature during use: +5 °C to +30 °C. Make sure the ambient temperature stays within this range until the foam has fully cured.
- Can temperature during application: +5 °C to +25 °C, best results at +20 °C.



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Application method

- Shake the can vigorously at least 20 times. Remove the cap. Hold the foam can in upright position with valve up. Screw the can tightly to the gun by holding the gun handle with one hand and turning the can with the other hand. Do not aim the gun at people. Avoid screwing the can to the gun with valve upside down. Do not screw the gun to the can. Do not bend or turn the can during screwing.
- Hold the can upside down when extruding the foam. Foam output can be adjusted with gun trigger and adjustment screw.
- Fill joints up to approx. 65%, as the foam expands. In case of larger joints apply foam in several layers and moisten slightly between each layer to ensure better results.
- Excess foam can be cut after it has fully cured.

Cleaning

Uncured foam can be removed with acetone. Cured foam can be removed mechanically.

Packaging

750ml can, 12 per box

Storage conditions and shelf life

- Shelf life is 12 months from production date if stored in an unopened packaging in a cool and dry place at +5 °C to +30 °C.
- Do not expose to temperature over +50°C, do not keep near heat sources or in direct sunlight. Store and transport in upright position. Secure cans before transport.

Health & safety

- Pressurized canister.
- Use only in well-ventilated areas.
- Do not smoke during application
- Use PPE when necessary.
- Keep out of the reach of children.
- See label and safety data sheet (SDS) for more information.

Technical data

Properties	Value	Unit
Tack free time (EN 17333-3)	6...10	min
Cutting time (30 mm bead, EN 17333-3)	<30	min
Fully cured in joint, 3x5cm (+23 °C)	<8	h
Curing pressure (EN 17333-2, moistened surfaces)	<1	kPa
Post expansion (EN 17333-2)	<80	%
Density in joint, 3x10cm (WGM106)	15...19	kg/m ³
Dimensional stability (EN 17333-2, moistened surfaces)	<1	%
Temperature resistance of cured foam	-50...+90	°C
Reaction to fire classification (EN 13501-1)	F	
Fire class of cured foam (DIN 4102-1)	B3	
Tensile strength / elongation (EN 17333-4, moistened surfaces)	>60/22	kPa / %
Compression strength (EN 17333-4, moistened surfaces)	>5	kPa
Shear strength (EN 17333-4, moistened surfaces)	> 20	kPa
Thermal conductivity (EN 12667, EN 17333-5)	0.033	W/(m.K)
Sound reduction index R _{st,w} (EN ISO 10140)	62	dB
Water vapour permeability (EN 12086)	<0,06	mg/(m.h.Pa)
Foam yield in joint, 3x5 cm (WGM107), per 750 ml filling rate	15	m
Foam yield (EN 17333-1), per 750 ml filling rate	37	l

The values specified were obtained at +23 °C and 50% relative humidity, unless otherwise specified. These values may vary depending on environmental factors such as temperature, moisture and type of substrates.

Both the information and the product descriptions contained in this publication have been compiled to the best of our knowledge and belief based on our prior experiences and tests. Claims for compensation may not be derived from the same. We reserve the right to make improvements to our product range, in accordance with our high standards in relation to technical advancement and the progression of quality.



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