



# FIRE BOND FOAM SEAL+

## TECHNICAL DATASHEET

Version: 2018-10-31

### PRODUCT DESCRIPTION

Fire-retardant 1-component gun foam up to 4 hours / EI 240 fire resistance. Independently tested in accordance with EN 1366-3: 2009 and EN 1366-4: 2006 and provides up to 4 hours of fire resistance in the tested material combinations. Fire performance classified in accordance with EN 13501-2. The product is part of a product system that has been documented and tested in accordance with ETAG 026 (part 2 and 3) and CE marked for use as firefighting foam. The system is also certified by UL (Underwriter Laboratory). For sealants of linear grouts in walls, e.g. frames/walls when installing windows and doors or around cables and pipe lead-ins. Suitable for bonding to substrates such as concrete, light concrete and masonry. For information on the shaping of grouts, different fire classes and certification, refer to Bostik's website. In cured state, the foam has mainly closed cells and provides excellent heat and sound insulation.

### AREA OF USAGE

Typical user applications in an indoor environment are normal grout openings in concrete and masonry with a minimum design depth of 150 mm. Sealing of gaps between light walls/module walls and the bearing frame when there are requirements for fire resistance and restrictions for sound propagation between spaces. Sealing between fire retardant doors, window sections in walls, etc. in fire-class structures. Sealing around metal pipes (steel and copper) of varying diameter and a number of standard cables in wall structures.

### WORKING INSTRUCTION

Always consult Bostik's installation instructions for different fire grouts before starting work. The dimensional fire resistance is always determined by factors such as the depth of the separation structure, the depth of gravity, grout width and type and amount of fire sealant. For safe and easy work, use Bostik Fire Bond Backing Wool where fire sealant wool is indicated. In some structures, no extra fire sealant is required, because the foam itself fills up the entire space.

Clean the work surface from dust, loose particles, grease, oil before use. Instructions: 1. Shake the bottle for 30 seconds before starting work. Fit the gun to the container and lightly push the trigger so that the tube is filled with foam. PLEASE NOTE! NOTE! +10 °C before use and turn upside down when applying. 2. Moisten the surfaces lightly with water. 3. Fill the grout to about 40%. Slightly wetted surfaces increase the foam volume. For large grout depth/width, let the foam cure for a while and then continue the work. For large grout width, it may also be a good idea to apply the foam from two directions, so as to accelerate the drying of the foam. Cut away any excess after curing. The foam is not sticky after 10 min. and can be finished after about 45 min. The foam cures quickly under the influence of air humidity or surrounding material and should therefore be applied so that the foam can expand freely.

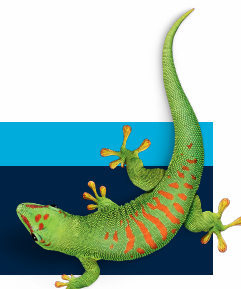
Cured thoroughly after approx. 24 hours. Cleaning: Acetone, cured foam mechanically. The grout must be covered and not exposed to sunlight. Clean the grout foam gun with Bostik Foam Gun Cleaner. The contents of the bottle should be consumed within 4 weeks when opened. Leave the gun on the bottle during shorter breaks in the work. Clean the bottle and gun with acetone during longer breaks.

### SAFETY

See the product Safety Data Sheet for complete information on the working environment/work safety, precautions and risks during use.

### CONTACT US

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## TECHNICAL DATA

Properties before application	
Material type	1 component polyurethane foam
Curing system	Sets when in contact with air humidity
Density	12 – 14 kg/m <sup>3</sup> (thoroughly dry)
Colour	Pink
Storing temperature	Not in elevated room temperature. Pressurized container. See the product's Safety Data Sheet
Properties after application	
Operating temperature (climate)	+5°C to +30°C, optimal at +20°C
Storage temperature before use	min +10°C - however not above 30°C
Temperature resistance	Temporary - 40 to + 80°C
Skin formation time	approx. 10 minutes depending on the climate of the room
Cutable after	approx. 45 minutes
Completely dry grout	approx. 24 hours with 30 mm deep grout. Several days for deeper grouts.
Foam volume	approx. 40-45 litre
Resistance class	Class Y2 in accordance with ETAG 026/EOTA TR024
Climatic conditions for resistance	Indoor or outdoor use in the temperature range -5°C to +70°C, but protected from direct weathering (including rainfall).
Outdoor use	Yes, protected from rainfall and UV light.

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