



# BOSTIK

## BOSTIK QF301GR

Professional polyurethane gun foam

### Product Description

BOSTIK QF301GR is a 1-component insulation and construction polyurethane foam developed to create a seal between construction parts. BOSTIK QF301GR cures in response to moisture from the air and the building material.

### Benefits

- High quality professional PU Foam
- Good thermal performance
- High tensile, compression and shear strength

### Applications

BOSTIK QF301GR was developed to fill joints around window frames and in construction, partition walls, ceiling and floor joints, surface penetrations of pipes and tubes through walls and floors. BOSTIK QF301GR has excellent adhesion concrete, brick, stone, plaster, wood, metal and many plastics like EPS and XPS, rigid PU foam and uPVC.

### Directions Of Use

Canister temperature: +5°C to +30°C (recommended +15°C to +25°C) Application temperature (applies to environment and substrates): -15°C to +35°C (recommended +15°C to +25°C) Hold the canister with the valve turned upwards and affix an applicator gun with NBS-thread to the canister. We recommend a NBS Gold (see instructions in the gun box). Shake the canister vigorously prior to use at least 20 times. Turn canister upside down and apply the foam. To regulate the flow of the foam, loosen the valve at the back of the handle. Fill the cavity for 70%, in case of low humidity, lightly spray the foam with water. The foam will expand to fill the rest. When fixing window frames, use spacers and wedges to hold the frame in place for approximately 24 hours until the foam is fully cured. Protect eyes, wear gloves and protective gear. Floor-covering and furniture to be covered with paper or plastic foil. Joints wider and deeper than 4 cm should be filled in multiple layers. Wait 15-30 minutes between applications. Before each application lightly spray with water. Only use in well ventilated areas. Store canister upright between +5°C and +25°C. Pressurized container! Protect from sunlight and do not expose to temperatures exceeding + 50°C. Do not pierce or burn, even after use. Contains flammable propellants. Do not spray on a naked flame or any

incandescent material. Keep away from sources of ignition. No smoking. For more information see Technical Bulletins in the Knowledge Base on our website [www.denbraven.com](http://www.denbraven.com).

### Technical Specifications

|                         |            |                         |
|-------------------------|------------|-------------------------|
| Application temperature |            | +5°C to +35°C           |
| Base                    |            | Polyurethane            |
| Closed cells            |            | ± 70%                   |
| Curing time             |            | 80-100 minutes          |
| Cutting time            | EN 17333-3 | 20-40 minutes           |
| Density                 |            | 18-25 kg/m <sup>3</sup> |
| Dimensional stability   | EN 17333-2 | -5% < DS <0%            |
| Fire behaviour          |            | B3                      |
| Joint sound insulation  |            | 62 dB                   |
| Tack free time          | EN 17333-3 | 8-12 minutes            |
| Temperature resistance  |            | -40°C to +90°C          |
| Thermal conductivity    |            | 30-35 mW/m.K            |
| Total foam yield        | EN 17333-1 | 700 ml = 40-45 liter    |

*These are typical values*

### Limitations

- Not suitable for PE, PP, PC, PMMA, PTFE, soft plastics, neoprene and bituminous substrates
- Not suitable for permanent water load. Not suitable for use (eg filling) in cavities with insufficient moisture

### Surface Preparations and Finishing

Substrates must be clean and free of dust, oil and grease. It is important to moisten substrates slightly before use as this improves adhesion and finished cell structure of the foam.

### Bostik Benelux B.V

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#### Paintability

Can be painted or covered with sealant/plaster when fully cured.

performing all the requisite tests to make sure that the product is suitable for its intended use. We have no influence in what way the product is applied and/or any circumstances relating to events occurring during storage or transport and therefore we do not accept any liability for damage whatsoever. All deliveries are made exclusively in accordance with our general terms of conditions which have been filed at the Dutch Chamber of Commerce.

#### Cleaning

Fresh foam can be removed immediately with Universal PU-Cleaner. After curing surplus foam can be removed with a knife or spatula and the foam surface can be finished.

#### Shelf Life

If kept stored in a cool, dry place, in unopened original packaging, between +5°C and +25°C, shelf life is up to 18 months from production date. Store the canisters in an upright position.

#### Certifications

|  |
|--|
| ISO 717-1 Joint Sound Insulation       |
| Feica TM1011 Compression Strength      |
| Feica TM1012 Shear Strength            |
| Feica TM1018 Tensile Strength          |
| EN 1609 Water vapour partial immersion |
| EN 12086 Water vapour transmission     |
| EN 12667 Thermal Performance           |
| DIN 12354-3 Joint Sound Insulation     |
| VOC emissions ISO 16000                |
| EMICODE EC1 Plus – very low emission   |

#### Health & Safety

Product Safety Data Sheet must be read and understood before use. These are available on request and via our websites

#### Warranty & Guarantee

Bostik warrants that its product complies, within its shelf life, to its specification.

#### Disclaimer

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