

## BOSTIK QF301HR

### Hand held polyurethane foam

#### Product Description

BOSTIK QF301HR is a 1-component insulation and construction polyurethane foam developed to create a seal between construction parts. BOSTIK QF301HR cures in response to moisture from the air and the building material.

#### Benefits

- High quality professional PU Foam

#### Applications

BOSTIK QF301HR was developed to fill joints around window frames and in construction, partition walls, ceiling and floor joints, surface penetration of pipes and tubes through walls and floors. BOSTIK QF301HR has excellent adhesion to 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): +5°C to +35°C (recommended +15°C to +25°C)  
 Remove cap and screw the straw firmly onto the valve. Shake the canister vigorously prior to use at least 20 times. To apply foam, turn the canister upside down and press the adaptor. Half fill the cavity and, 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             |            | 100-120 minutes         |
| Cutting time            | EN 17333-3 | 30-50 minutes           |
| Density                 |            | 20-30 kg/m <sup>3</sup> |
| 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 | 750 ml = 25-30 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.

#### Paintability

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

#### Bostik Benelux B.V

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#### 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

|  |   |
|--|---|
|  | EMICODE EC1 Plus – very low emission<br>VOC emissions ISO 16000<br>LEED<br>Feica TM1011 Compression Strength<br>Feica TM1012 Shear Strength<br>Feica TM1018 Tensile Strength<br>ISO 717-1 Joint Sound Insulation<br>EN 12667 Thermal Performance<br>EN ISO 10534-1:2002 & EN ISO 10534-2:2005 |
|--|---|

#### 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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