



# Idenden 40-320

## HIGH VELOCITY BRUSHABLE ACRYLIC DUCT SEALANT

Date: 19 August 2020

Fact Sheet No.: TDS02143

### YOUR SMART ADVANTAGES

- Fire tested
- Flexible seal
- Waterborne

### USES

Bostik 40-320 High Velocity Brushable Acrylic Duct Sealant is designed for use on low and high velocity heating and air conditioning ducts.

Bostik 40-320 High Velocity Brushable Acrylic Duct Sealant forms a tough, waterproof but flexible seal, which prevents loss of internal pressure without the necessity of additional tape.

### PRODUCT CHARACTERISTICS

Colour	Grey
Form	Paste
Specific Gravity	1.65 approx.
Composition	Water based acrylic polymer
Product Code	30615249 6kg tubs
Storage/Shelf Life	Store and transport securely in an upright position. Ensure the lid is secure. Store for up to 24 months from date of manufacture in original, unopened packaging in cool, dry conditions within the temperature range +5°C to +30°C and out of direct sunlight. Protect from frost.

### TYPICAL PERFORMANCE DATA (Approx.)

Application Temperature	+5°C to +40°C
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Service Temperature	-20°C to +90°C (depending on operating conditions)
Coverage	2m <sup>2</sup> per litre per coat  (depending on substrate, application technique, number of coats and performance requirements)
Drying Times	Touch dry: 30 minutes approx.  Through dry: 4 days  (depending on joint thickness and drying conditions)
Fire Tests	Independently tested to EN ISO 11925-2 and EN 13823.  Reaction to fire classification according to EN 13501-1:  C - s2, d0  When tested on product applied 10mm thick and 20mm wide onto 1mm thick aluminium sheet as per EGOLF recommendation 055-2019. Results will vary when applied at different rates and/or onto other substrates.  The classification is valid for construction applications used over any metallic substrate with a density equal to or greater than 2700kg/m <sup>3</sup> , having a minimum thickness of 1mm, a minimum melting point of 500°C and a minimum fire performance of A1.  Independently tested to BS 476:  Part 6 - Pass  Part 7 - Class 1  Building Regulations: Class 0  Tested on two 1.2mm galvanised steel

	plates overlapped by 25mm and riveted together. The riveted joints were sealed with a 6mm bead of sealant. Results will vary when applied at different rates and/or onto other substrates.
VOC	< 1%
Tensile Strength	1.3MPa
Elongation at Break	150%
Shore A Hardness	60
Cleaning	Clean tools and equipment with water immediately after use. Cured sealant can be removed with hot soapy water.

BOSTIK HOTLINE

Smart help +44 (0) 1785 272625



### DIRECTIONS FOR USE

IMPORTANT: Before using Bostik 40-320 High Velocity Brushable Acrylic Duct Sealant, refer to the relevant Health & Safety Data Sheet, available at [www.bostik.com/uk](http://www.bostik.com/uk).

### PREPARATION

1. Surfaces must be clean, dry and free from dust, oil, grease and any loose materials.

### APPLICATION

2. Apply Bostik 40-320 High Velocity Brushable Acrylic Duct Sealant along the seam or slip joint by brush.
3. Position and fit the sections of the duct together and tighten screws whilst the sealant is still wet.
4. Brush apply a coating of Bostik 40-320 High Velocity Brushable Acrylic Duct Sealant over the exterior of the joint to finish the seal.

### CLEANING

5. Clean tools and equipment with water immediately after use. Remove excess uncured sealant with water.
6. Cured sealant can be removed with hot soapy water.

### PRECAUTIONS IN USE

For any application not covered, please contact Technical Services on +44 (0)1785 272625 or visit [www.bostik.com/uk](http://www.bostik.com/uk) for advice.

Recommendations and suggestions are for guidance only, since conditions of use are completely beyond our control.

For health and safety instruction, first aid measures and spillage and disposal instructions, see separate Health and Safety Data sheet for Before using Bostik 40-320 High Velocity Brushable Acrylic Duct Sealant, available at [www.bostik.com/uk](http://www.bostik.com/uk).

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