

## PRODUCT DATA

Date: July 2009

Code: 00687/30

# IDENDEN HIGH VELOCITY BRUSHABLE ACRYLIC DUCT SEALANT 40-320

Idenden High Velocity Brushable Acrylic Duct Sealant 40-320 is designed for use on low and high velocity heating and air conditioning ducts. Idenden High Velocity Brushable Acrylic Duct Sealant 40-320 forms a tough, waterproof but flexible seal, which prevents loss of internal pressure without the necessity of additional tape. The dried sealant has proven fire resistance with Class 0 and M1 compliance. Idenden High Velocity Brushable Acrylic Duct Sealant 40-320 also conforms to HVAC Specification DW142 / DW144.

### Features

- Easily applied
- Low environmental hazard – water borne
- Excellent adhesion qualities
- Conforms to DW142 / DW144
- Class 0 compliance

### Product Characteristics

Colour	Grey
Form	Paste
Specific gravity (density)	1.56 g/cm <sup>3</sup>
Composition	Water based acrylic polymer
Packaging	6kg polybucket
Shelf life/storage	At least 12 months from date of manufacture when stored unopened in a cool, dry place within the temperature range +5°C to +30°C and out of direct sunlight. PROTECT FROM FROST

### Typical Performance Data (approx.)

Drying time	<i>Touch:</i> 30 minutes <i>Through:</i> 4 days depending on joint thickness and drying conditions
Service temperature	-20°C to +90°C
Application temperature	+5°C to +40°C
Reaction to fire	<i>Wet:</i> Non-flammable <i>Dry:</i> Independently tested to BS 476 Part 6 – Pass Part 7 – Class 1 Building regulations – Class 0

### Coverage

1 kg produces 1.3m<sup>2</sup> coating at 0.5mm thickness  
1 litre produces 2m<sup>2</sup> coating at 0.5mm thickness  
(Coverage dependant on thickness required and substrate type)

### LEED IEQ 4.1

Idenden High Velocity Brushable Acrylic Duct Sealant 40-320 meets the requirements for LEED IEQ 4.1 Low Emitting Materials, Adhesives and Sealants

### Solvent for cleaning up

*Wet:* Water  
*Dry:* Hot soapy water

### Directions for use

#### IMPORTANT

Before embarking on any work involving Idenden High Velocity Brushable Acrylic Duct Sealant 40-320, the separate Safety Data Sheet should be carefully studied by those carrying out the work.

1. All surfaces must be clean, dry and free from dust and any loose materials.
2. Apply Idenden High Velocity Brushable Acrylic Duct Sealant 40-320 along the seam or slip joint with a brush.
3. Position and fit the sections of duct together and tighten screws while the sealant is still wet.
4. Brush a coating of Idenden High Velocity Brushable Acrylic Duct Sealant 40-320 over the exterior of the joint to finish the seal.
5. Clean application equipment and remove excess uncured sealant with fresh water and cured sealant with hot soapy water.

### Precautions in Use

For health and safety instruction, first aid measures and spillage and disposal instructions, see separate health and safety data sheet for Idenden High Velocity Brushable Acrylic Duct Sealant 40-320.

See final page for disclaimer.

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