

## HVAC DUCT SEALANT

Version No. 1

Revision Date: 30/06/2015

Page 1 of 3

### DESCRIPTION

Acrylic Duct Sealant is a high strength, solvent free, water resistant, flexible sealant and adhesive based on premium acrylic polymer emulsion.

### KEY FEATURES

Good adhesion to a wide variety of surfaces including galvanised and stainless steel.

Good tooling and application characteristics.

Water based with low environmental or health concerns.

For heating and ventilation applications.

For high, medium and low velocity ducting applications.

Tested to DW144 – Class C.

### USES

For sealing internal ducting assemblies and systems.

For sealing ventilation systems and vents.

### LIMITATIONS

Do not use in conjunction with bitumen or asphalt.

Not recommended for use with low surface energy materials, such as polyethylene, polypropylene and Teflon.

### PERFORMANCE

**Tested in accordance with:** DW144 – CLASS C

**Base technology:** Acrylic Polymer

**Chemical resistance:** Fair to dilute acids and alkalis

**Curing system:** Water based – evaporation

**Movement accommodation:** ± 12.5%

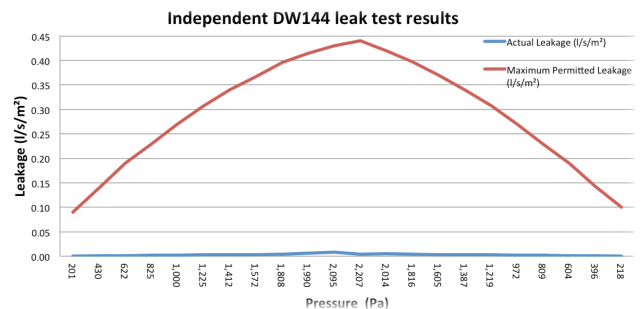
**Application temperature range:** +5°C to +30°C

**Service temperature range:** -20°C to +75°C

**Slump:** Nil

**Specific gravity:** 1.69g/cm<sup>3</sup>

**Paintability:** Paintable with water based or solvent products



### APPLICATION

#### PROPERTIES

**Curing rate:** Full cure 3 – 5 days depending on thickness, ambient temperature and humidity. Lower temperatures and high humidity will result in a slower rate of cure.

**Shelf life:** 12 months

**Skinning time:** Skin forms after approximately 7 minutes at 23°C @ 55% RH. Lower temperatures and high humidity will result in skinning times being increased.

**Working time:** Approximately 5 minutes

## HERITAGE PUTTY

Version No. 1

Revision Date: 19/01/2016

Page 2 of 3

### INSTRUCTIONS

**Surface preparation:** All surfaces must be clean, dry and free from frost, grease and loose materials. Apply primer if required. In situations where an especially neat finish is required, use masking tape to cover the face edges of the joint and remove immediately once tooling has been completed. Cut the tip of the screw thread off the cartridge and screw on the nozzle. Cut nozzle to correct diameter for joint size. Apply using a skeleton or powered gun into the joint ensuring good contact with surfaces.

**Tooling:** Tool immediately after sealant has been applied within the working time for the product.

### EQUIPMENT

A selection of hand and air operated guns is available for cartridge application, including a high power type especially suitable for filling deep voids.

### PACKAGING

310ml cartridges

Colours: Grey

### ESTIMATING QUANTITIES

Number of cartridges =  $\frac{\text{Joint depth (mm)} \times \text{Joint width (mm)} \times \text{Length (M)}}{\text{Volume of cartridge (ml)}}$

This calculation does not allow for wastage.

### HEALTH AND SAFETY

Contains: 5-chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-4-isothiazolin-3-one. May produce an allergic reaction.

See Product Safety Data Sheet for further information.

Keep out of reach of children.

### GENERAL

Acrylic Duct Sealant is part of a full range of speciality sealants and tapes designed for the professional user. For further information please contact our Customer Care Team or visit our website.

*The information given in this product data sheet is based on laboratory tests and experience which we believe to be correct. Properties quoted are typical and do not therefore constitute a specification. In view of the wide range and variability of substrates, we would advise that our product should be tested by the user to establish suitability for its intended application. E&OE.*