

PRODUCT DATA

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IDENDEN HIGH VELOCITY SOLVENTED DUCT SEALANT 40-113

Idenden High Velocity Solvented Duct Sealant 40-113 is a quick-setting, solvented synthetic rubber based product, formulated for sealing longitudinal and flange joints in high velocity air conditioning and ventilation systems. Idenden High Velocity Solvented Duct Sealant 40-113 provides a tough, resilient air-tight seal which prevents loss of internal pressure from the duct. It is both waterproof and flame retardant and has excellent specific adhesion to metal services. Idenden High Velocity Solvented Duct Sealant 40-113 conforms to HVAC Specification DW144 Class C and is fully tested in accordance with BS476 Part 6 and Part 7 – Class 1.

Features

- Quick setting and easily applied
- Flame resistant and waterproof when dry
- Conforms to DW144
- BS476 part 6 and part 7 – Class 1 compliant
- Wide service temperature range
- Suitable for sealing longitudinal and flange joints

Reaction to fire

Wet: Highly flammable (flash point less than -30°C)
Dry: When used for its intended purpose does not detract from the surface spread of flame characteristics of the duct work.

Independently tested to BS 476 Part 6 – Pass
Part 7 – Class 1
Building regulations – Class 0

Product Characteristics

Colour	Grey
Form	Gunnable paste
Specific gravity (density)	1.3 g/cm ³
Composition	Synthetic rubber, resin, fillers and solvents. Solids content 50% by volume
Packaging	Cartons of 25 x C30 cartridges
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 +25°C and out of direct sunlight.
Typical Performance Data (approx.)	
Drying time	<i>Touch:</i> 5 minutes (approx.) <i>Through:</i> 24 - 72 hours (dependent on bead size and drying conditions) Bond strength will continue to increase for about 7 days. Do not test duct for pressure tightness for at least 48 hours.
Service temperature	-30°C to +90°C
Application temperature	Above +5°C

Coverage

50 linear metres of 3mm diameter bead per C30 cartridge

Solvent for cleaning up

Wet: White spirit
Dry: Abrasion

Directions for use

IMPORTANT

Before embarking on any work involving Idenden High Velocity Solvented Duct Sealant 40-113, the separate Safety Data Sheet should be carefully studied by those carrying out the work.

1. Surfaces should be clean, dry and free from dust, oil, grease and any loose materials.
2. Cut nozzle of cartridge to give required width of bead and pierce inner foil at base of nozzle using a nail.
3. Insert cartridge into a skeleton gun and squeeze the trigger until the sealant appears.
4. Extrude a continuous bead of sealant along the seam or slip joint.
5. Position and fit sections of duct together and tighten, before the sealant dries.
6. Clean application equipment and remove excess uncured sealant with white spirit and cured sealant by abrasion.

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 Solvented Duct Sealant 40-113.

See final page for disclaimer.

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