



Idenden 40-113

HIGH VELOCITY SOLVENTED DUCT SEALANT

Date: 19 August 2020

Fact Sheet No.: TDS00667

YOUR SMART ADVANTAGES

- Fire tested
- Conforms to DW144 – Class C
- Suitable for sealing longitudinal and flange joints

USES

Bostik 40-113 High Velocity Solvented Duct Sealant is a quick-setting, solvented synthetic rubber based product, formulated for sealing longitudinal and flange joints in high velocity air conditioning and ventilation systems. Bostik 40-113 provides a tough, resilient airtight seal, which prevents loss of internal pressure from the duct. It is both waterproof and flame retardant and has excellent specific adhesion to metal surfaces.

PRODUCT CHARACTERISTICS

Colour	Grey
Form	Gunnable paste
Specific Gravity	1.3 approx.
Composition	Synthetic rubber, resin, fillers and solvents. Solids content 50% by volume
Product Code	30813998 350ml C30 cartridges x 24
Storage/Shelf Life	Store and transport securely in an upright position. Store for up to 12 months from date of manufacture in original, unopened packaging in cool, dry conditions within the temperature range +5°C to +25°C and out of direct sunlight.

TYPICAL PERFORMANCE DATA (Approx.)

Application Temperature	Above +5°C
Service Temperature	-30°C to +90°C (depending on operating conditions)
Coverage	50 linear metres of 3mm diameter bead per C30 cartridge (depending on substrate, application technique and performance requirements)
Drying Times	Touch dry: 5 minutes approx. Through dry: 24 to 72 hours (depending on joint thickness 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.
Fire Tests	Independently tested to BS 476: Part 6 – Pass Part 7 – Class 1 Building Regulations: Class 0 When tested in an overlap joint between two 1.5mm thick mild steel panels with a 12.5mm airspace at the back of the product over non-combustible perimeter battens 20mm wide and 12.5mm thick. The overlap joint was secured with rivets (centrally located at 50mm centres). Results will vary when applied in different configurations and/or onto other substrates.

Air Leakage	Conforms to DW144 Class C
Cleaning	Clean tools and equipment with white spirit immediately after use. Remove excess uncured sealant with white spirit.

BOSTIK HOTLINE

Smart help +44 (0) 1785 272625



DIRECTIONS FOR USE

IMPORTANT: Before using Bostik 40-113 High Velocity Solvented Duct Sealant, refer to the relevant Health & Safety Data Sheet, available at www.bostik.com/uk.

PREPARATION

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

APPLICATION

2. Cut the nozzle of cartridge to give the required width of bead and pierce inner foil at base of the 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.

CLEANING

6. Clean tools and equipment with white spirit immediately after use. Remove excess uncured sealant with white spirit.
7. Cured sealant can be removed by abrasion.

PRECAUTIONS IN USE

Due to the variation of parameters during and after application of Bostik 40-113 High Velocity Solvented Duct Sealant it is not possible to give a definitive time as to when vapour is no longer emitted from the sealant. If there is any concern regarding the vapour in confined spaces, Bostik manufacture solvent free products that give equivalent performance in these applications.

For any application not covered, please contact Technical Services on +44 (0)1785 272625 or visit 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 Bostik 40-113 High Velocity Solvented Duct Sealant, available at www.bostik.com/uk.

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