

# IDENDEN METAL SEALANT 40-34

Idenden Metal Sealant 40-34 is a flexible butyl rubber based mastic and sealing compound designed for sealing overlap joints in metal cladding, and panel joints in cold stores and refrigerated vehicles. Idenden Metal Sealant 40-34 is also suitable for sealing joints in low temperature insulation such as rigid polyurethane foam, phenolic foam and foamed glass. For low temperature pipe insulation, Idenden Metal Sealant 40-34 should be used in all joints to complete the vapour barrier and to flash off the ends of the insulation. Idenden Metal Sealant 40-34 is flexible and weatherproof, providing an excellent vapour barrier. It is solvent based, and should therefore not be allowed to come into contact with expanded polystyrene.

**Features**

- Wide service temperature range
- Waterproof vapour barrier
- Excellent weather resistance
- Remains permanently flexible

**Product Characteristics**

<b>Colour</b>	Pale grey
<b>Form</b>	Stiff paste
<b>Weight per litre</b>	1.31 kg
<b>Composition</b>	Butyl rubber and hydrocarbon solvents. Solids content 55% by volume
<b>Packaging</b>	Cartons of 12 x 380ml cartridges
<b>Shelf life/storage</b>	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.)**

<b>Drying time</b>	<i>Touch:</i> 30 minutes <i>Through:</i> 72 hours (Dependent on ambient conditions)
<b>Service temperature</b>	-45°C to +120°C
<b>Application temperature</b>	+5°C (minimum)
<b>Reaction to fire</b>	<i>Wet:</i> Flammable flash point +25°C <i>Dry:</i> Burns slowly
<b>Coverage</b>	Approximately 12-14 metres of 6mm diameter bead per 380ml cartridge 0.35 square metres per litre = 2.8mm wet thickness 0.70 square metres per cartridge = 1.4mm wet thickness

**Water vapour permeance** Less than 0.001 g/(sMN) (0.02 perm) at 3mm dry film thickness (ASTM E96 Method A)

**Primer** To improve adhesion, a primer is recommended (see Directions for use 1.)

**Solvent for cleaning up** White spirit

**Directions for use****IMPORTANT**

Before embarking on any work involving Idenden Metal Sealant 40-34, the separate Safety Data Sheet should be carefully studied by those carrying out the work.

1. Ensure surfaces are clean, dry and free from dust and any loose materials. Dusty surfaces may need sealing with Idenden PVA Sealer 30-17.
2. Apply a 6mm diameter bead between the surfaces by means of a caulking gun or powered extrusion equipment, or apply by float, spatula or putty knife.
3. Where possible the two surfaces should be pressed firmly together to eliminate any air bubbles.
4. Clean application equipment and remove surplus sealant with white spirit.

**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 Metal Sealant 40-34.

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