

# IDENDEN ET-150

## ASBESTOS ENCAPSULATION AND INSULATION VAPOUR PROTECTOR

7 March 2019

### YOUR SMART ADVANTAGES

- Flexible water-resistant finish
- Fire rated to BS476
- Brush or spray application
- Suitable for interior and exterior use
- Wide service temperature range

### USES

- Encapsulation of asbestos in situ or stabilize asbestos prior to removal
- Provide water vapour barrier coat for absorbent insulation on piping, equipment and air conditioning units.

### PRODUCT CHARACTERISTICS

Colours	Grey, White
Form	Thixotropic liquid
Composition	Water based emulsion
Specific gravity	Approx. 1.26
Application temperature	5 to 30°C
Touch dry	Approx. 2 hours
Through dry	Approx. 24 hours
Coverage	0.5 – 4.0m <sup>2</sup> /L per coat depending on surface and performance requirements.
Product codes	
20 Litre pail	
Grey	30612990
White	30614556

### TYPICAL PERFORMANCE DATA (APPROX)

Fire Certification	Independently tested to BS 476: Part 6 – Pass Part 7 – Class 1 Building Regulations: Class 0 ASTM E84-07 (Surface Burning Characteristics of Building Materials), Class A.
VOC Testing	Bostik ET-150 Sprayable Vapour Barrier Coating showed low VOC contents in a test specified in

	LEED 2009 EQ c 4.2 (paints and coatings). The VOC content is below the limit value specified as 50 grams/litre (less water) for 'Flat Topcoats':VOC g/l: 42
Water Vapour Permeance	Bostik ET-150 Sprayable Vapour Barrier Coating has been designed as a breather coating for internal applications. It is resistant to water penetration but allows small quantities of water vapour to pass through it. It has a water vapour permeance of 0.6 perms (0.034 g/sMN) at 1mm dry film thickness (ASTM E96 Method A)
Service temperature	-29 to +82°C

### DIRECTIONS FOR USE

Read and understand the Safety Data Sheet before using this product.  
It is recommended that this product is fully evaluated as suitable for the application methods to be employed and for suitability of performance both initially and for the expected life of your product under the condition it is expected to withstand.

Coverage for optimum performance:

**Interior:** 2m<sup>2</sup>/l per coat.

2 Coats for a minimum total dry film thickness of 0.5mm

**Exterior:** Apply first coat at a rate of 1m<sup>2</sup>/L and the second at a rate of 1.5m<sup>2</sup>/L to achieve a dry film thickness of 0.8mm

It is recommended that a different colour be used for each coat to ensure full coverage.

### SURFACE PREPARATION

Ensure all surfaces are clean and dry and free from dust, oil, grease and any loose material.

### APPLICATION

#### ASBESTOS ENCAPSULATION

- Only sound asbestos should be coated if it is to be left in situ.
- Surface preparation should be in line with local authority regulations.

## Idenden ET-150

- For brush application carefully apply a heavy coat Bostik Multiprime to seal the surface. Allow to dry for 4 hours.
- Using brush or spray apply Idenden ET-150 to the entire surface ensuring any small crevices are properly coated.
- Apply a second coat of Idenden ET-150 the following day. For brush application the second coat must be applied at right angle to the first coat.
- Areas subject to mechanical damage such as joints may require additional protection with a reinforcement membrane.

### PIPE OR DUCT INSULATION

- For brush application carefully apply a heavy coat Bostik Multiprime to seal the surface. Allow to dry for 4 hours.
- Using spray or brush, apply Idenden ET-150 to the entire surface.
- Embed a reinforcement membrane such as scrim canvas or glass cloth into the wet coat taking care to smooth out all wrinkles.
- Overlap all seams and joints by 50mm
- Apply a second coat of Idenden ET-150 after the first coat is touch dry and within 24 hours. For brush application the second coat must be applied at right angles to the first coat.

### SPRAY INSTRUCTIONS

- Idenden ET-150 may be sprayed with a variety of airless spray systems. The following system has proved successful:
- Pump: Airlessco 5100 / Graco Ultra 1095
- Fluid hose: 9mm Ø up to 15m hose length
- Tip: 0.017 – 0.021 Reverse-a-quick nozzle

### LIMITATIONS

- Do not allow standing water to form on Idenden ET-150 coated surface by ensuring the upper surface is shaped to make a 15° slope prior to application of the coating.
- Do not carry out external work in poor drying conditions or when rain is imminent.
- Any work involving asbestos removal and disposal of contaminated materials should only be carried out according to current legislation and only by an approved contractor.

### CLEANING

Clean application equipment and spillage immediately with cold water.

### STORAGE AND SHELF LIFE

Store in cool, dry conditions out of direct sunlight below 25°C and protect from frost. Shelf life is 18 months if stored in cool, dry conditions in original, unopened containers.

### DISPOSAL

Empty containers, once dry, may be disposed of via local landfill.  
Do not dispose of down drains or into waterways.

### PRECAUTIONS IN USE

Complete details on each of the products mentioned are available on the product Safety Data Sheets. To ensure no harm is caused to persons using Bostik products, it is recommended that all concerned read the appropriate Safety Data Sheets. Visit [www.bostik.co.nz](http://www.bostik.co.nz) for copies.

For emergency information contact the National Poisons Information Centre, phone 0800 764 766 (0800 POISON) or CHEMCALL, phone 0800 243 622.

BOSTIK HOTLINE

Smart help 0508 222 777



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