

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 ² /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: 2m²/l per coat.

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

Exterior: Apply first coat at a rate of 1m²/L and the second at a rate of 1.5m²/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 contactor.

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 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



This datasheet is for the general help of users. It is provided in good faith. The data is current and accurate to the best of our knowledge. Differing materials, substrates, environments, site conditions, and product storage, handling and application may affect results. Users should carry out tests to decide the product's suitability for purpose. This data sheet and the properties of the product may change without notice. Users, suppliers and retailers should check that the data sheets they have are the latest. To the maximum extent permitted by law, Bostik disclaims all warranties in relation to manufacture and use of the product. Bostik is not liable for representations made by users, suppliers or retailers about the product. Bostik is not liable for any loss or damage resulting from incorrect, careless, or negligent use or storage of the product, including use of out of date product. Any liability arising from use of the product is limited to the replacement or purchase price of the product. Bostik does not exclude rights and remedies that be excluded by legislation, for example under the Consumer Guarantees Act 1993. Sale of the product by Bostik is subject to the Bostik New Zealand Limited Conditions and Terms of Sale. For more information on Bostik, products, and conditions of use and sale visit www.bostik.co.nz.

Technical Advice

Tel: 0508 222 777

nzsales@bostik.com



Product Technical Statement

Idenden ET-150

Bostik NZ Ltd manufactures adhesives, sealants and other products used in building and construction that are not by themselves within the scope of the New Zealand Building Code (NZBC). The products may be part of, or used with another product, or system that must comply with the NZBC.

Bostik provides technical information to support Provider Statements regarding compliance with NZBC.

Product Description and Use

Bostik ET-150 Sprayable Vapour Barrier Coating is ideal for applications in the thermal insulation industry as a vapour barrier coating for internal and external insulated piping, equipment and air conditioning ducting. It is also suitable as an asbestos encapsulant. It is easily applied by spray or brush to provide a durable and flexible, water-resistant finish over a wide service temperature range.

Suitable for interior and exterior applications.

The technical information for Idenden ET-150 can be found on the Bostik website www.bostik.co.nz.

This information includes:

- Technical Data Sheet
- Safety Data Sheet

New Zealand Building Code (NZBC)

Idenden ET-150, if designed, used, installed and maintained in accordance to the information provided by Bostik New Zealand, will contribute to or meet the following provisions of the NZBC:

- **Clause F2 HAZARDOUS BUILDING MATERIALS:** Performance F2.3.1.

Quality Assurance

Bostik has a long history of supply of quality products to the building and construction industries. Products are manufactured and tested under strict quality controlled conditions.

Maintenance Requirements

Do not clean or treat Idenden ET-150 with materials, cleaning agents or solvent that may affect or discolour the product. This includes, but is not limited to, bleach containing cleaners, solvents and paint fumes.

Exterior: Rain washing plus manual washing every year. Severe environments may require more frequent washing.

Interior and exterior: yearly inspection and repair of defects as found is required.

Expected product life

It is expected that uncoated Idenden ET-150 will have a life of at least 3 – 5 externally and 5 – 7 years internally when applied by a skilled contractor in accordance with specifications and recommended methods of application. Coated Idenden ET-150 will show longer life expectancy.

The life expectancy does not take into account failure or breakdown of Idenden ET-150 partially or wholly due to:

- faulty or unskilled application
- incorrect storage of the product

- use of the product outside of its recommended shelf life
- use other than as recommended
- not inspecting the product regularly and repairing any defects
- factors and conditions outside the control of Bostik, including:
 - movement of the substrate or structural cracking
 - hydrostatic pressure or entrapped moisture
 - maltreatment, such as mechanical damage, at any time of the product
 - faulty design and/or construction of the premises leading to weather – tightness issues.

Differing materials, substrates, environments, site conditions, product storage, handling and application may affect results.

Warranty

Bostik is not liable for representations made by users, suppliers, or retailers about the product. Bostik is not liable for any loss or damage resulting from incorrect, careless or negligent use or storage of the product, including out of date product. To the maximum extent permitted by law Bostik disclaims all warranties in relation to manufacture and use of the product. Bostik does not exclude rights and remedies that cannot be excluded by legislation, for example under the Consumer Guarantees Act 1993. Any liability arising from use of the product is limited to the replacement or purchase price of the product.

Contact

For more information on Bostik, products and conditions of use and sale contact:

Bostik New Zealand Ltd

0508 222 272

e-mail: nzsales@bostik.com

www.bostik.co.nz