

PRODUCT DATA

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IDENDEN BRUSHABLE VAPOUR BARRIER COATING 30-150

Idenden Brushable Vapour Barrier Coating 30-150 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 particularly suitable as an asbestos encapsulant as the thixotropic structure allows application by gloved hand in restricted working areas. Idenden Brushable Vapour Barrier Coating 30-150 is a high quality polymer emulsion available in white, grey and black. It is easily applied by brush, pallet knife or gloved hand to provide a durable and flexible, water-resistant finish over a wide service temperature range. Idenden Brushable Vapour Barrier Coating 30-150 has Class 0 compliance and therefore dries to form a flame resistant finish.

Features

- Easily applied by brush, pallet knife or gloved hand
- Dries to form a flexible, durable and water-resistant finish
- Solvent free
- Class 0 compliance

Product Characteristics

Colour	White, black and grey
Form	Thixotropic paste
Weight per litre	1.4 kg 60% solids
Composition	Co-polymer emulsion
Packaging	10 litre polybucket
Shelf life/storage	At least 12 months from date of manufacture when stored unopened in a cool, dry place within the temperature range +10°C to +20°C and out of direct sunlight. PROTECT FROM FROST

Typical Performance Data (approx.)

Drying time	<i>Touch:</i> 2 hours <i>Through:</i> 15 hours
Service temperature	-29°C to +82°C
Application temperature	Above +5°C (external work should not be completed in poor drying conditions or when rain is imminent)

Reaction to fire

Wet: Non-flammable
Dry: Class 0 compliance:
Independently tested to BS 476 Part 6 and Part 7 – Class 1

Coverage

0.5 – 2.5 square metres per litre per coat (depending on substrate and performance requirements)

Water vapour permeance

0.034 g/(sMN) (0.6 perms) at 1 mm dry film thickness (ASTM E96 Method A)

Solvent for cleaning up

Wet: Water
Dry: White spirit

Directions for use

IMPORTANT

Before embarking on any work involving Idenden Brushable Vapour Barrier Coating 30-150, 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. A) PIPE OR DUCT INSULATION

Using brush or gloved hand, apply Idenden Brushable Vapour Barrier Coating 30-150 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 50 mm. Apply a second coat of Idenden Brushable Vapour Barrier Coating 30-150 after the first is touch dry and within 24 hours.

- B) ASBESTOS ENCAPSULATION

Only sound asbestos should be coated, and surface preparation should be in line with local authority regulations. Apply Idenden PVA Sealer 30-17 as per the instructions on the Product Data Sheet. Using brush or gloved hand, apply Idenden Brushable Vapour Barrier Coating 30-150 to the entire surface ensuring any small crevices are properly coated. Apply a second coat of Idenden Brushable Vapour Barrier Coating 30-150 the following day. Areas subject to mechanical damage such as joints may require additional protection with a reinforcement membrane.

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3. COVERAGE

Optimal Idenden Brushable Vapour Barrier Coating 30-150 performance is achieved by applying this minimum coverage rate:

INTERNAL - Apply two coats, each at a rate of 2 sqm/l to achieve a dry film thickness of 0.5 mm.

EXTERNAL - Apply two coats, the first at a rate of 1 sqm/l and the second at a rate of 1.5 sqm/l to achieve a dry film thickness of 0.8 mm.

4. DRYNESS TEST

A dried film can be tested by gently rubbing the coating with a clean damp rag. If no colour is removed, the film has dried effectively and will exhibit good water resistance. Adequate temporary protection/tenting should be provided as Idenden Brushable Vapour Barrier Coating 30-150 dries. This will prevent damage from precipitation and aid good film formation and through drying.

5. Clean application equipment and spillage immediately with cold water.

NOTE: Use of a different colour of Idenden Brushable Vapour Barrier Coating 30-150 is recommended for the second coat to ensure complete coverage is achieved.

Do not allow standing water to form on Idenden Brushable Vapour Barrier Coating 30-150 coated surfaces by ensuring the upper surface is shaped to make a 15° slope prior to application of coating.

NOTE: Any work involving asbestos and removal and disposal of contaminated materials should only be carried out according to current legislation and only by an approved contractor.

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 Brushable Vapour Barrier Coating 30-150.

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