

IDENDEN PROTECTIVE SEALER COATING ET-10

Idenden Protective Sealer Coating ET-10 is a premium quality, white acrylic emulsion coating, which contains non-marine pollutant plasticisers that permit the safe transport of the product both in the UK and overseas. The coating is ideal for applications in the thermal insulation industry as a protective sealer of internally located insulated piping, equipment and air conditioning ducting, and also as an asbestos encapsulant in the asbestos abatement sector. Idenden Protective Sealer Coating ET-10 is quick and easy to apply using brush or spray. The fast drying film forms a homogeneous coating that demonstrates improved flame retardancy and durability, thus improving the tensile strength and impact resistance of insulated piping, equipment and air conditioning ducting. The dried film is washable and is resistant to mould and insect attack. The coating can be used on faced or unfaced insulation in two coat applications to sandwich reinforcing membranes such as scrim canvas or glass cloth. Idenden Protective Sealer Coating ET-10 provides an adequate water vapour barrier for HVAC applications. In areas of prolonged high humidity, e.g. external applications or where the insulated piping, equipment and air conditioning ducting contains chilled water, refrigerant, etc. a true water vapour barrier is recommended such as Idenden Sprayable Vapour Barrier Coating ET-150, Idenden Brushable Vapour Barrier Coating 30-150 or Idenden Aquashield Vapour Barrier Coating 30-316.

Features

- Fast drying
- Excellent coverage
- Wide service temperature range
- Quick and easy to apply
- Non-marine polluting
- Class '0' reaction to fire

Product Characteristics

Colour	White
Form	Thixotropic liquid
Weight per litre	1.32 kg 55% solids
Composition	Acrylic co-polymer emulsion
Packaging	5 and 10 litre polybuckets 25 litre drums
Shelf life/storage	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. PROTECT FROM FROST

Typical Performance Data (approx.)

Drying time	<i>Touch:</i> 30-120 minutes <i>Through:</i> 6-8 hours
Service temperature	-20°C to +90°C
Application temperature	Above +5°C
Reaction to fire	<i>Wet:</i> Non-flammable <i>Dry:</i> Class 0 approval: Independently tested to BS 476 Part 6 Independently tested to BS 476 Part 7 – Class 1

Coverage

2.6 – 5.1 square metres per litre per coat (depending on substrate)

Water vapour permeance

Idenden Protective Sealer Coating ET-10 has been designed as a breather coating for internal applications. It is resistant therefore to water penetration but allows small quantities of water vapour to pass through it. It has a water vapour permeance in excess of 1 perm (0.067 g/sMN)

Solvent for cleaning up

Wet: Water
Dry: White spirit

Directions for use**IMPORTANT**

Before embarking on any work involving Idenden Protective Sealer Coating ET-10, 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) FACED INSULATION
Using a brush apply Idenden Protective Sealer Coating ET-10 generously to the entire insulation surface, taking care to paste down any overlap joints. Apply a second coat of Idenden Protective Sealer Coating ET-10 after the first is dry to the touch and within 24 hours.

B) UNFACED INSULATION

Cut a reinforcement membrane such as scrim canvas or glass cloth to size, and using a brush apply Idenden Protective Sealer Coating ET-10 generously to one side. Position the reinforcement membrane, coated side down, and pull tight around the insulation to avoid wrinkling. Immediately apply a second coat of Idenden Protective Sealer Coating ET-10 to the entire surface.

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3. **SPRAY INSTRUCTIONS:** Idenden Protective Sealer Coating ET-10 may be sprayed with a variety of airless spray systems. However, the following system has proved successful:

Pump: Airlessco 5100 / Graco Ultra 1095
Fluid Hose: 7 mm up to 15 m
9 mm over 15 m
Gun: Airlessco 007
Tip: 0.017-0.021 Reverse-a-quick nozzle

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

NOTE: Wear suitable mask when spraying.

NOTE: The coating is only suitable for internal use unless over-painted by an additional solvented or water based coating.

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 Protective Sealer Coating ET-10.

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