

PRODUCT DATA

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Code: 03410/24

IDENDEN DAMPSTRIP ASBESTOS PENETRANT 30-330

Idenden Dampstrip Asbestos Penetrant 30-330 has been specially designed as a dust/fibre suppressant during the removal of Asbestos Containing Material (ACM). Idenden Dampstrip Asbestos Penetrant 30-330 is a mobile water borne red liquid which has been specifically formulated as an asbestos penetrant for use in the controlled damp stripping of asbestos containing materials. Idenden Dampstrip Asbestos Penetrant 30-330 is a water borne material which contains powerful surfactants and low evaporation rate chemicals to quickly 'wet out' any asbestos matrix, maintaining a damp state suitable for subsequent low fibre emission removal. It has been successfully used for the removal of hand or spray applied asbestos and various asbestos mixes with clays, silicates and hard setting compounds.

Features

- Excellent removal penetrant
- Water borne
- Excellent penetration to reduce fibre count
- Easily applied by brush, drip feed, spray or injection systems
- Non-flammable
- Low odour

Product Characteristics

Colour	Red
Form	Mobile liquid
Density	1.0 kg/litre
Packaging	Cartons of 4 x 5 litre polybottles 25 litre drum
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 +30°C and out of direct sunlight. PROTECT FROM FROST

Typical Performance Data (approx.)

Service temperature	-10°C to +80°C
Application temperature	Above +5°C
Coverage	1 litre per square metre at 25 mm thickness (dependant on porosity of treated material)
Solvent for cleaning up	Water

Directions for use

IMPORTANT

Before embarking on any work involving Idenden Dampstrip Asbestos Penetrant 30-330, the separate Safety Data Sheet should be carefully studied by those carrying out the work.

1. Idenden Dampstrip Asbestos Penetrant 30-330 is first diluted up to a maximum of 15:1 with clean water depending upon the substrate.
2. The penetrant can then be applied to the ACM by brush, drip feed, spray or preferably a low pressure injection system. The objective is to dampen the ACM all the way through. This is not an instant process and is very much a time/temperature effect. The penetrant liquid should only be applied at a rate at which it can be absorbed by the ACM. Excessive feed rates should be avoided and will only result in wasteful run-offs, which may be contaminated with ACM fibres.
3. Allow a 'soak time' to permit the penetrant to spread evenly avoiding dry spots and excessive wet areas. It is always beneficial to carry out a small trial area, to establish such parameters as:
 - a. type of ACM
 - b. thickness of ACM
 - c. porosity and
 - d. quantity of penetrant required

NOTE: Idenden Dampstrip Asbestos Penetrant 30-330 is particularly effective on asbestos, which has been clad in either hard setting compound or sand cement. Under these circumstances the cladding should be sprayed with Idenden Dampstrip Asbestos Penetrant 30-330 diluted 5:1 with water to soften the surface.

A build up of Idenden Dampstrip Asbestos Penetrant 30-330 on the surface indicates saturation. The duct, pipe or girder can then be wrapped in polythene to prevent dripping. If necessary, permit a few hours to allow a breakdown of surface resistance. The preferred system is to inject the penetrant directly into the ACM. If after spraying, the cladding is soft and friable, the needle of the injection gun will easily penetrate, otherwise holes will need to be made. In either case Idenden Dampstrip Asbestos Penetrant 30-330 is next delivered at the interface of the insulated metal surface and allowed to spread and saturate the ACM. Idenden Dampstrip Asbestos Penetrant 30-330 in this application should be diluted 10:1 with water.

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A number of applications may be necessary, starting from the top allowing gravity to assist penetration and absorption. Repeated applications should be made through existing holes to maximise the rate of penetration and to control application.

Further wrapping in polythene is then advisable to completely encapsulate the ACM clad object pending removal.

Once the asbestos is thoroughly wet, it can easily be removed. Metal surfaces can be cleaned with a cotton rag soaked in diluted penetrant.

The wet penetrant is easily removed from containers, equipment etc., with water and wiped dry with a cotton cloth.

NOTE: Removal of ACM, dismantling of any confinement structure and disposal of both asbestos and contaminated materials should be done strictly within current regulations and codes of practice 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 Dampstrip Asbestos Penetrant 30-330.

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