

HIGH PERFORMANCE LIQUID DAMP PROOF MEMBRANE

DESCRIPTION:

High performance brush applied damp proofing emulsion containing synthetic rubber latex, which provides a waterproof, and vapour resistant, black elastomeric membrane.

Low odour, with exceptional flexibility and crack resistance, even at low temperatures. Excellent resistance to sulphates and other soil salts.

USE:

Damp proofing of concrete, brick, blockwork and masonry, with vertical surfaces being finished with gypsum based plaster system.
Adhesive for unsealed wood block flooring (min 10 mm thick).
Tanking of basements.

NOTE:

In common with all bitumen paints, IKOpro Synthaprufe Original weathers to a matt black finish, and cannot be over coated with conventional oil based paints.
Do not apply to surfaces previously treated with a tar-based product.
Drying times may be extended during low temperatures.

APPLICATION:

Application temperature should be between +3 and +27°C. IKOpro Synthaprufe Original is ready for use and should not be thinned.

The substrate needs to be sound, clean and grease-free. On brickwork a thin skim coat of sand-cement render may be required to level the surface.
Porous and warm, dry surfaces should be dampened with clean cold water.

Stir well before and occasionally during use and apply IKOpro Synthaprufe Original by brush evenly and in one direction. Do not work like paint. Allow drying thoroughly before subsequent coats are applied. Total thickness of dried coats should be a minimum of 1.0 mm. Do not apply in wet weather or when rain or frost is likely. Always ensure good ventilation.

When damp proofing internally, vertical application requires 3 coats and must be covered with minimum 12 mm gypsum based plaster system. Horizontal requires 2 coats and must be covered with a minimum 50 mm sand-cement screed. In all situations, the final coat of IKOpro Synthaprufe Original should be blinded with clean, sharp sand prior to the application of surface finishes. Do not use externally above ground.

When externally tanking e.g. retaining walls, apply 3 coats and protect with IKO Protection Board. When internally tanking, the membrane must be fully supported to resist external water pressure.

Horizontal application requires 2 coats, the final coat being blinded with clean and sharp sand and must be covered with a minimum 50 mm sand-cement screed. Vertical requires 3 coats and must be supported with a block work wall, built off the screed, minimum 40 mm from the membrane. The 40 mm cavity must be fully filled with sand-cement mortar as the wall is constructed.

All angles should be pre-treated with 1 coat of IKOpro Synthaprufe Original extending 150 mm either side, at a rate of 1m²/Litre. A 300mm wide strip of reinforcing fabric (lightweight polyester fleece) is embedded into the surface while still wet. Unsuitable for ponds or other aquatic applications.

COVERAGE:

Floors : 1st coat 1 m²/Litre
 2nd coat 1.5 m²/Litre
Walls : 2 m²/Litre (per coat)

CLEANING:

With water whilst still wet or with white spirit if dry.

PACKAGING:

5L and 25L

STORAGE:

IKOpro Synthaprufe Original has a shelf life of 12 months when stored in sealed containers at temperatures of 5-25°C. It is important that the contents are protected from frost as this can render IKOpro Synthaprufe Original unfit for use. To avoid the risk of spillage, always store and transport in a secure upright position.

HEALTH AND SAFETY:

Avoid contact with skin and eyes. Should there be contact with skin, wash immediately with soap and water or a recognized skin cleaner. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Keep out of the reach of children.

Wearing of protective gloves and goggles is advised. If accidentally ingested do not induce vomiting, seek immediate medical attention.

In the event of spillage, absorb with sand or mineral absorbent and collect for approved disposal

A separate safety datasheet is available on request to IKO PLC.

