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# Synthaprufe Original

02401920 (5L)  
02401930 (25L)



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## 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 a gypsum based plaster system.
- Adhesive for unsealed wood block flooring (min 10mm thick).
- Tanking of basements.

### APPLICATION:

- 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 to dry thoroughly before subsequent coats are applied. Total thickness of dried coats should be a minimum of 1.0mm. 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 12mm gypsum based plaster system. Horizontal requires 2 coats and must be covered with a minimum 50mm 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 Ruberoid Plasprufe 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, sharp sand and must be covered with a minimum 50mm sand-cement screed. Vertical requires 3 coats and must be supported with a blockwork wall, built off the screed, minimum 40mm from the membrane. The 40mm 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 150mm either side, at a rate of 1m<sup>2</sup>/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:

IKOpro Synthaprufe Original should be applied at the following coverage rates:

	First coat	Second coat
• Floors	1 m <sup>2</sup> /Litre	1.5 m <sup>2</sup> /Litre
• Walls	3 coats at 2 m <sup>2</sup> /Litre/coat	

### CLEANING:

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

### PACKAGING: 5L, 25L

### STORAGE:

- IKOpro Synthaprufe Original must not be stored in conditions under 5°C Containers should be kept sealed in a cool, dry, well-ventilated environment and all practical precautions taken against fire. Partly used containers may be resealed and used again after correct storage. To avoid the risk of spillage, always store and transport in a secure upright position.

### SHELF LIFE:

- IKOpro Synthaprufe Original has a shelf life of 18 months when stored in sealed containers at temperatures of 5 to 25°C.

### HEALTH AND SAFETY:

- Avoid contact with skin and eyes. Should there be contact with skin, wash immediately with soap and water or a recognised 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.
- Consult specific Health & Safety datasheet for further details.

### FIRE:

- In case of fire, use foam, dry powder, carbon dioxide or sand. Never use water jet.

