PRODUCT INFORMATION SHEET

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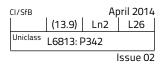
MonarSeal MRX

Structural Waterproofing Systems

Introduction

MonarSeal MRX is a multi-purpose radon, air and moisture sealing tape for use around thresholds, door stop-ends, services, structural penetrations and can also be used to carry out effective radon membrane repairs.

Description

MonarSeal MRX is a white surfaced high performance, self-adhesive, flexible waterproofing membrane, manufactured from a 1.4 mm thick layer of modified rubber bitumen adhesive, laminated with an aluminium foil and finished with a tough, cross-laminated 0.1 mm thick HDPE film. The product is finished on the underside with a protective release paper.

Intended Use

MonarSeal MRX is intended for use as a detailing strip for sealing around penetrations and effecting repairs to Monarflex gas and damp-proof membranes.

Installation Procedure

Preparation of Surface: All surfaces should have a smooth finish, free from cavities, projections and mortar deposits. Surfaces must be dry and free from dirt, dust and frost. Vertical surfaces of brick and blockwork should be dry, and rendered or flush pointed to provide an even surface.

Priming: Prior to application of the membrane, a priming coat of Icopal SA Bitumen Primer must be applied to all surfaces and allowed to dry.

Membane Application: The roll width is 300 mm to facilitate a continuous seal between the Monarflex radon, air and moisture membrane and the penetration / up-stand (ie, lapped 150mm on to each).

Cut a suitable length of MonarSeal MRX membrane and removing the protective release paper. Carefully apply the sticky side to the top surface of the Monarflex membrane and dress up onto the penetration/up-stand. Ensure that the membrane is fully supported (i.e. no bridging or gaps) and that all air is expelled and creases removed. The use of a hand-roller is recommended.

Properties

Roll Size	0.3 m x 20 m
Weight/unit area	1.6 kg·m^{-2}
Membrane Thickness	1.5 mm

Application Conditions

The ideal application temperature range is 5°C to 35°C. At low temperatures the product will become progressively stiffer, which may make it difficult to handle. The membrane rolls should be left in a heated storage area until immediately before application.
The surface of the substrate should be clean and dry and must be 3 °C above the dew point. If the surface is below or at dew point temperature then moisture can form at the surface and affect membrane adhesion

Compatibility

MonarSeal MRX is compatible with concrete, smooth brick and blockwork or screeded substrates, and is resistant to those chemicals with which they are likely to come into contact. However, care should be taken to prevent contact with mould oil and hydrocarbon solvent based products.

Quality Assurance

MonarSeal MRX membranes are supplied under a Quality Management System approved to *ISO 9001: 2000* by BSI Quality Assurance.

QMS: Q5556

Technical Services

Specialist advice and design guidance on all matters relating to MonarSeal MRX is freely available from our Technical Department at the address below.

Availability

Item Code	Description	Roll Weight
3003947	MonarSeal MRX	10 kg

NOTE: This information is given in good faith being based on the latest knowledge known to Icopal Limited. Whilst every effort has been made to ensure the contents of the publication are current while going to press, customers are advised that products, techniques and Codes of Practice are under constant review and liable to change without notice. Up to date information is available from our Technical Services Department on request.

Responsibility cannot be accepted for the application of products, and no claims can be considered, where the manufacturer's instructions have not been followed. The user should not assume; based on information provided in this sheet, that the product is suitable for any abnormal use.

All products are sold subject to our standard conditions of sale, available on request.

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