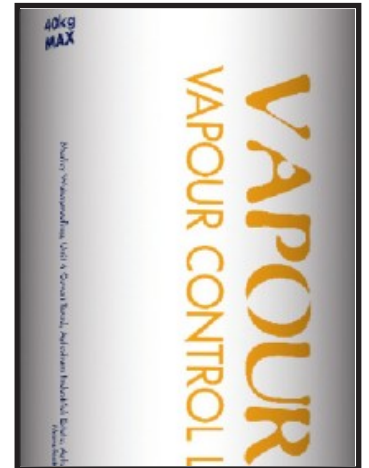
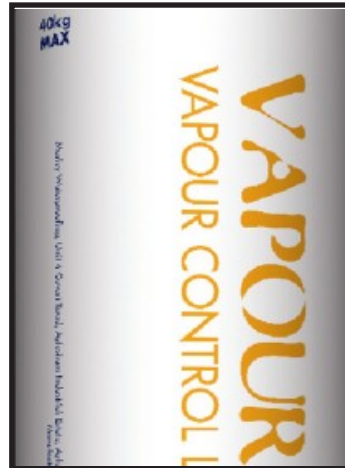
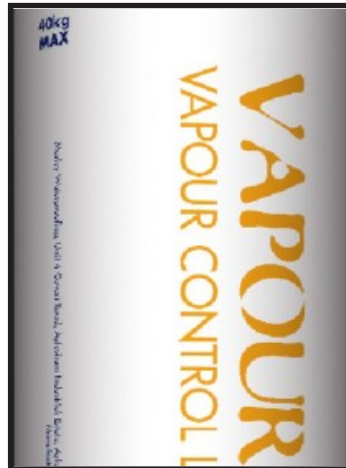
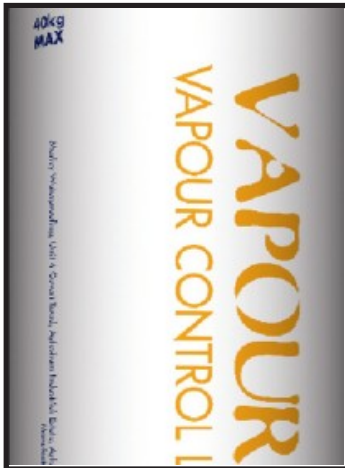


VAPOURSTOP

VAPOUR CONTROL LAYER



INTRODUCTION

Vapourstop is designed for use as a vapour barrier in conjunction with our range of high performance waterproofing membranes and other standard roofing felts.

In normal warm deck roof constructions, the inclusion of a vapour barrier beneath the insulation can be as important as the waterproofing membranes above in protecting the building. If an ineffective vapour barrier is not included in the structure, moisture from within the building can condense in the insulation layer.

Damp insulation results in reduced thermal efficiency, degradation of materials, mould growth and the threat of dry and wet rot potentially leading to the complete destruction of the roof deck. Buildings with high occupancy levels of air conditioning are especially vulnerable. Vapourstop provides a permanent water vapour resistance and should therefore always be specified.

DESCRIPTION

Vapourstop has a thick, impervious aluminium core, reinforced with hessian and coated with bitumen. Vapourstop is sanded on both sides.

COMPOSITION

Reinforcement	Hessian
Coating	Bitumen
Functional Core	50 micron aluminium

PERFORMANCE BENEFITS

- Prevents water vapour penetration and damage to roof construction.
- Improved thermal efficiency as a result of installation.

WORKABILITY

Vapourstop has excellent flexibility, even at low temperatures, which allows for installation down to 0°C. The material will perform satisfactorily in all temperatures normally experienced within the UK.

MANUFACTURE

Vapourstop is produced on the Company's purpose-built plant at Aylesham in Kent under a closely controlled system which conforms to ISO 9001. Each roll is wrapped clearly identifying the product name, product code, batch code, roll width and length and the manufacturer's name and address.

DURABILITY

The thick aluminium core used for the manufacture of Vapour stop provides long lasting vapour resistance. Products using a thinner aluminium core are more easily punctured, increasing the possibility of failure.

USES

Vapourstop is designed for use as a vapour control layer in conjunction with high performance waterproofing membranes and other standard roofing felts offered by Marley Waterproofing.

CONSTRUCTION

Storage

Rolls of Vapourstop must be stored on end, on a clean, level surface away from excessive heat and under cover.

Preparation

The surface over which Vapourstop is to be installed should be clean and dry, free from major surface irregularities and well primed with Bitumen Primer by Marley Waterproofing which must be allowed to dry thoroughly. The deck must comply with the relevant requirements of BS 6229:2003.

Installation

Normal good practice must be followed and be generally in accordance with BS 8217.

On conventional roof constructions application is by the traditional pour and roll method using hot bitumen. The material should be laid hessian face downwards on the prepared surface. Vapourstop is especially suitable for metal deck construction. In this application the Vapourstop should be rolled out parallel to the crowns. The longitudinal joints 100mm wide should preferably be made over the flat crowns as this will result in a better seal.

Protection

Completed work should be protected from damage by subsequent site work.

Site Quality Control

Regular inspection of the work in progress should be made to ensure that the work is executed to a good standard and in accordance with the specification.

Site Safety

Guidance given in BS 8000: 1989 and the CDM Regulations: 1994 should be followed. Provision should be made for adequate scaffolding to ensure the safety of operators in accordance with health and safety requirements.

Maintenance

Marley Waterproofing recommend that built up felt roofs are inspected and maintained in accordance with the guidelines given in BS 8217.

COMPATIBILITY

Vapourstop is compatible with most materials normally used in roofing structures.

FIRE

Vapourstop is not intended for external use. Its use is unrestricted under UK building regulations. The materials are combustible and once ignited will burn freely.

PRICING

Prices are available from our Roofing Distributors, details of which are available from our Customer Services Department

ORDERING

When ordering, reference should be made to the product code number in order to avoid mistakes. Product codes can be found under the section 'Nominal Dimensions and Weights' of this data sheet.

TECHNICAL SUPPORT

For further information, please contact our Technical Department on 01304 843 344



Due to the policy of continuous development, Marley Waterproofing reserves the right to change specifications without prior notice.

NOMINAL DIMENSIONS AND WEIGHTS

Description	Product Code	Roll Size	Finish	Foil Thickness	Roll Weight	m ² Weight
Vapourstop	222120	20 x 0.98	Sand	50 micron ¹	36kg	1.8kg/m ²

