



# BITUGARD HESSIAN REINFORCED DPC BY MARLEY WATERPROOFING

## INTRODUCTION

Bitugard is a hessian reinforced damp proof course suitable for inclusion in brick, block, stonework and concrete walls of both solid and cavity construction.

## DESCRIPTION

Bitugard is composed of a tough, high quality hessian, coated with oxidised bitumen and surfaced on both sides with a silica sand finish to prevent sticking in the roll.

## INDEPENDENT APPROVALS

The product conforms to BS 6398: 1983 Class A (Specification for bitumen damp proof courses for masonry).

## COMPOSITION

- Reinforcement** - Heavy duty grade hessian
- Coating** - Oxidised bitumen

## PERFORMANCE BENEFITS

- Conforms to BS 6398: 1983 Class A.
- Suitable as a linear DPC and cavity tray.
- Durability – will remain effective as a water resistant barrier during the lifetime of the building provided it is correctly installed and not damaged by subsequent building operations.
- Can be heat bonded and sealed.
- Compatible with Ledgard and Marley Waterproofing's Gas Resistant Barrier System to form a total damp proofing system.

## MANUFACTURE

Bitugard is produced on the Company's purpose-built plant at Aylesham in Kent, under a closely controlled system which conforms to the requirements of ISO 9001. The product wrapper indicates the product name, manufacturer's name and address, batch code and product code.

## USES

Bitugard is a traditional DPC material for use in brick, block, stonework and concrete walls of both solid and cavity construction. It is suitable for horizontal and cavity tray situations in buildings of up to three storeys.

## COMPATIBILITY

Bitugard is compatible with most materials normally associated with the damp proofing of structures. The product is compatible



with liquid waterproofing membranes such as Marley Waterproofing's Superprufe as well as Ledgard, Gasgard and GasSeal. However, it may be softened by some solvent based products and these should not be allowed to come into contact. Bitugard is not compatible with pitch polymer damp proof courses and should not be used in combination with these products. If there is any doubt regarding the compatibility of materials in contact, the advice of Marley Waterproofing should be sought.

NOMINAL DIMENSIONS AND WEIGHTS			
Product Code	Roll Length (m)	Roll Width*	Weight (kg/m <sup>2</sup> )
383810	8	100	3.9
383811	8	112.5	3.9
383815	8	150	3.9
383822	8	225	3.9
383830	8	300	3.9
383845	8	450	3.9
383860	8	600	3.9

\*Standard roll width sizes as stated in the price list, however, custom sizes are available subject to volume.

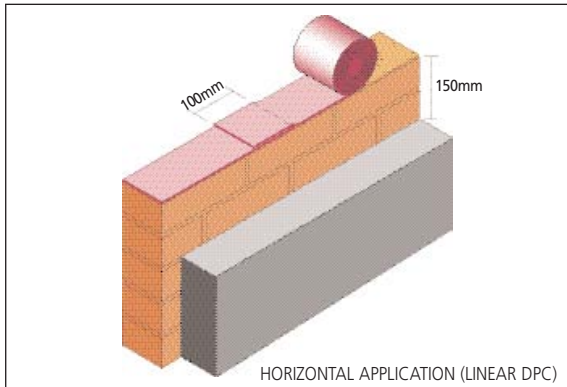
## STORAGE

Rolls of Bitugard must be stored on end on a flat surface, kept undercover and protected from mechanical damage in accordance with good site materials management. Difficulty may be experienced when unrolling Bitugard at low temperatures. This can be avoided by storing the material in a warm place prior to use.

## INSTALLATION

Installation must follow normal good practice for the detailing of damp proof courses, as set out in BS 5628: Part 3 : 1985 and the relevant clauses of BS 8215:1991 and BS 8000: Part 3: 1989.

When used as a linear damp proof course, Bitugard should be laid on a fresh, even bed of mortar of sufficient thickness to form a good base for the DPC. All joints should have a minimum overlap of 100mm. A further course of masonry should be installed over the DPC as soon as possible which will assist in the development of good adhesion between components. In all situations, the DPC should be maintained at a minimum of 150mm above the ground level.

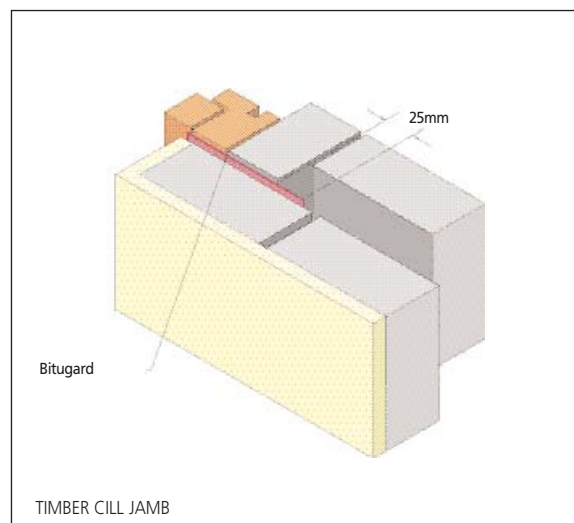
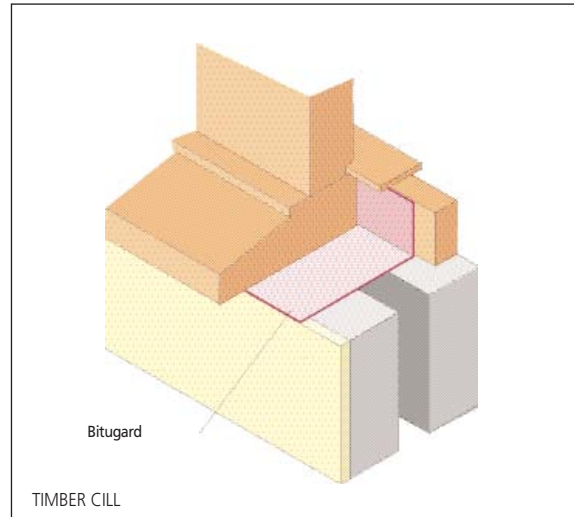


When forming a cavity tray or in situations where protection from downward penetration or water is required, all joints in Bitugard must be heat sealed with a minimum overlap of 100mm. Heat sealing is achieved by first overlapping the Bitugard by a minimum of 100mm. A gas gun is then used to apply sufficient heat to the lower layer of Bitugard so that the bitumen coating softens and is just on the point of melting. Heat is next applied to the underside of the top layer of Bitugard and when the Bitugard begins to flow, the two layers are pressed firmly together to form the joint.

The outer wall section of the cavity tray must be bedded in a mortar joint and the inner leaf section of the cavity tray must be positively restrained to the inner wall, preferably by bedding the Bitugard into the block / brick coursing. It is also possible to heat bond Bitugard to vertical surfaces, this being achieved by torching the back of the product with a gas torch and applying for a minimum distance of 150mm to the vertical surface. It is recommended that the cavity tray is also positively restrained by an appropriate fixing strip. Prior to heat bonding, all surfaces should be cleaned, primed with Marley Waterproofing Bitumen Primer and allowed to dry thoroughly.

## PRICING

Prices are available from our Builder's Merchant stockists, details of which are available from our Customer Services Department.



## ORDERING

When ordering, reference should be made to the product code number and table of standard roll sizes which can be found in the price list and in the Nominal Dimensions and Weights table of this data sheet.

## TECHNICAL SUPPORT

For further technical information, please contact the Technical Department on the telephone number given below.

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



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Q05694  
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