

PRODUCT DATA SHEET

Nubit

Bitumen Damp-Proof Course

Introduction

In continuous use since 1895 in applications from housing to hospitals, tunnels to tower blocks.

Nubit is a continuous sheet DPC material capable of withstanding the loading applied by brickwork, blockwork or stonework walls up to three storeys. Nubit may be used as a horizontal dpc or as a cavity tray.

Standard

Nubit exceeds the minimum standard set by BS6398:1983 Type A.

Description

Nubit is tough, pliable, and capable of being worked around areas of complex geometry and forgiving of abuse and mistreatment, easily repaired and containing no pitch or plasticisers. Comprising an upgraded polyester base saturated and coated in high penetration grade bitumen finished with fine silica sand. Used as a horizontal DPC, at door and window jambs, over lintels and as a vertical DPC bonded to the outside face of the inside skin to facilitate today's requirements for flush access, wherever flexible and adaptable damp proofing is required.

Performance and Properties

Roll Length	8m
Roll Width	100mm-1000mm
Roll Weight	3.8kg/m ²
Thickness	2mm (±0.4mm)

Durability

Nubit damp proof course is manufactured to last the lifetime of the building provided it is correctly installed and not damaged by subsequent building operations.

Compatibility

Nubit is compatible with all materials with which it will be in contact within normal construction, with the exception of timber preservatives based on creosote or tar oils. It is unaffected by timber preservatives that are water based solutions of salts.

It may be softened by some solvent based products and is not compatible with pitch polymer damp proof courses and should not therefore be used in combination with these products.

If in any doubt as to compatibility, please contact Icopal's Technical Services.

Nubit damp proof course is fully compatible with the range of Icopal damp proof courses and membranes.

Quality Assurance

Nubit is manufactured under a Quality Management System approved to ISO 9001: 2000 by BSI Quality Assurance.



Certificate No: Q5556

Installation Details

A sharp knife is necessary to cut the material. Work can be carried out under all weather conditions normal to the construction of the wall. The material maintains sufficient flexibility to be installed at low temperatures.

Installation must follow normal good practice for the detailing of damp-proof courses as set out in BS 5628 3: 2001 and must be in accordance with the relevant clauses of BS 8215: revised edition: Code of Practice.



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Preparation Of Surface

1. Nubit must extend through the full thickness of the wall leaf, including pointing, applied rendering or other material.
2. Nubit to be laid on a wet, even bed of mortar and perforations in adjacent courses of blockwork must be completely filled with mortar.
3. All lap joints in Nubit must have a minimum 100mm overlap.
4. Nubit site-formed cloaks must be used at stop-ends and all corners or changes in level of cavity trays.
5. Nubit must not be damaged by cavity cleaning after installation.
6. Precautions to be taken during subsequent work should include the following:
 - a. Use of cavity battens to prevent mortar droppings from reaching DPC.
 - b. Removal of droppings before they harden.
 - c. Inspection of cavity trays as work proceeds to check for damage.
7. When using Nubit with boot lintels or similar, it is recommended that the material is installed to follow lintel profile.

Hot Bonded Application

Nubit bitumen dpc may be heat bonded as a horizontal and vertical damp-proof membrane where required, and is fully compatible with other Icopal bitumen hot bonded membranes.

Prior to hot-bonded application of Nubit, a primary coat of Xtra-Seal Quick Drying Primer must be applied to all surfaces and allowed to dry.

Installation should be, where relevant, in accordance with the requirements of BS 8102: 1990 and should, wherever possible, be immediately protected.

All surfaces should have a smooth finish, free from cavities, projections and mortar deposits. Surfaces should be dry and free from dust and frost. Vertical surfaces of brick and blockwork should be dry and provide an even surface.

Brick or blockwork not rendered must be flush pointed to give a smooth surface without sudden changes in level.

Design and installation guidance should be sought from Icopal's Technical Department as early as possible.

Typical Specification

Damp-proof course to be Nubit. Site-formed cloaks to be installed at all stop-ends, corners and changes in level, to be Nubit damp-proof course system as manufactured by Icopal Ltd, Barton Dock Road, Stretford, Manchester, M32 0YL.

The damp-proof course is to be installed in accordance with the relevant clauses of BS 5628-3: 2001 and must be in accordance with the relevant clauses of *BS 8215: revised edition: Code of practice for design and installation of damp-proof courses in masonry construction* and in accordance with manufacturer's instructions.

NBS Specification

Nubit Damp Proof Course is specified using the following:

Clauses: F30/310, F30/340, J40/230, J40/270

Product: Nubit Damp Proof Course

Manufacturer: Icopal Ltd. Barton Dock Road, Stretford, Manchester, M32 0YL. Tel: 0161 865 4444 Fax: 0161 865 8433.

Delivery And Storage

Nubit dpc is delivered to site in rolls secured with a paper wrapper.

Rolls must be stored on end and under cover and be protected from mechanical damage. Nubit should not be stored where it is liable to come into contact with hydrocarbon solvents such as petroleum spirit and diesel oil or other organic solvents.

Health And Safety

Health and safety data sheets are available for all materials. Please contact Icopal Technical Services Department for further information.

Technical Services

Specialist advice and design guidance on all matters relating to Nubit, including CAD detailing for all damp proofing requirements, is freely available from our Technical Department at the address below.

Anderson Monarflex Ltd

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Manchester M32 0YL
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NOTE: This information is given in good faith being based on the latest knowledge known to Anderson Monarflex Ltd. 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.