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CI/SfB

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**Agrément
 Certificate
 No 90/2548**

*Fifth issue**

Designated by Government
 to issue
 European Technical
 Approvals

TYVEK CONSTRUCTION MEMBRANES

Couvertures de construction
 Bauabdichtungen

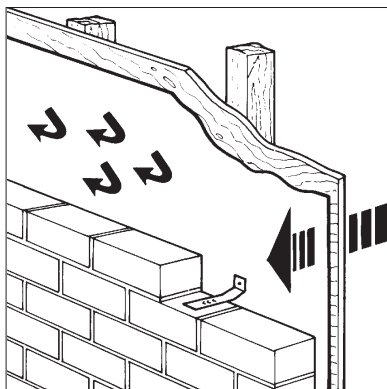
Product

• *THIS CERTIFICATE REPLACES AND EXTENDS CERTIFICATE No 87/1941 AND RELATES TO TYVEK CONSTRUCTION MEMBRANES (BREATHER MEMBRANES).*

• *Breather membranes are suitable for timber frame constructions, either factory or site applied.*


• *TYVEK Construction Membranes are marketed in the United Kingdom by the Certificate holder.*

These Front Sheets must be read in conjunction with the accompanying Detail Sheets, which provide information for specific membranes.




Regulations — Detail Sheet 1

1 The Building Regulations 2000 (as amended) (England and Wales)

 The Secretary of State has agreed with the British Board of Agrément the aspects of performance to be used by the BBA in assessing the compliance of breather membranes for timber frame construction with the Building Regulations. In the opinion of the BBA, TYVEK Construction Membranes, if used in accordance with the provisions of this Certificate, will meet or contribute to meeting the relevant requirements.

Requirement: C4	Resistance to weather and ground moisture
Comment:	Tests for water resistance indicate that the products can contribute towards meeting this Requirement for walls provided the wall complies with the conditions set out in section 3.2 of the relevant Detail Sheet. See also section 7.3 of these Front Sheets.
Requirement: L1	Conservation of fuel and power in dwellings
Requirement: L2	Conservation of fuel and power in buildings other than dwellings
Comment:	The product can contribute to limiting heat loss through a wall and meet these Requirements. See sections 4.1 to 4.4 of Detail Sheet 5.
Requirement: Regulation 7	Materials and workmanship
Comment:	The products are acceptable materials. See section 5 of the relevant Detail Sheet.

2 The Building Standards (Scotland) Regulations 1990 (as amended)

 In the opinion of the BBA, TYVEK Construction Membranes, if used in accordance with the provisions of this Certificate, will satisfy or contribute to satisfying the various Regulations and Technical Standards as listed below.

Regulation: 10	Fitness of materials and workmanship
Standards: B2.1 and B2.2	Selection and use of materials, fittings, and components, and workmanship
Comment:	The products comply with these Standards. See section 5 of the relevant Detail Sheet.
Regulation: 17	Resistance to moisture
Standard: G3.1	Resistance to precipitation
Comment:	The use of the products can contribute to enabling a wall to satisfy the requirements of this Standard. See section 7.3 of these Front Sheets and 3.2 of the relevant Detail Sheet.
Regulation: 18	Resistance to condensation
Standard: G4.1	Interstitial condensation
Comment:	The use of the products can contribute to enabling a wall to satisfy the requirements of this Standard. See section 4 of the relevant Detail Sheet.
Regulation: 22	Conservation of fuel and power
Standard: J3.1	Building fabric — Standards for buildings in purpose group 1
Standard: J8.1	Buildings in purpose groups 2 to 7 — Standards for buildings other than dwellings
Comment:	The product can contribute to satisfying these Standards. See sections 4.1 to 4.4 of Detail Sheet 5.

3 The Building Regulations (Northern Ireland) 2000



In the opinion of the BBA, TYVEK Construction Membranes, if used in accordance with the provisions of this Certificate, will satisfy or contribute to satisfying the various Building Regulations as listed below.

Regulation:	B2	Fitness of materials and workmanship
Comment:		The products are acceptable materials. See section 5 of the relevant Detail Sheet.
Regulation:	C4	Resistance to ground moisture and weather
Comment:		The use of the products can contribute towards enabling a wall to satisfy the requirements of this Regulation. See section 7.3 of these Front Sheets and 3.2 of the relevant Detail Sheet.
Regulation:	C5	Condensation
Comment:		The use of the products can contribute towards enabling a wall to satisfy the requirements of this Regulation. See section 4 of the relevant Detail Sheet.
Regulation:	F2	Conservation of fuel and power — Building fabric
Comment:		The product can contribute to limiting heat loss through a wall and satisfy this Regulation. See sections 4.1 to 4.4 of Detail Sheet 5.

4 Construction (Design and Management) Regulations 1994 (as amended) Construction (Design and Management) Regulations (Northern Ireland) 1995 (as amended)

Information in this Certificate may assist the client, planning supervisor, designer and contractors to address their obligations under these Regulations.

See section: 1 *Description* (1.2) of relevant Detail Sheet.

Design Data

5 Strength

5.1 TYVEK Construction Membranes can resist the stresses associated with construction and installation into timber frame dwellings.

5.2 The products are not adversely affected by water and will retain their properties when wet.

6 Properties in relation to fire

6.1 The products have similar properties in relation to fire to other polyolefinic sheets, tending to melt and shrink away from a heat source, but they will burn in the presence of an ignition source. The products, therefore, are unclassifiable in terms of the Building Regulations. This should be considered when assessing the overall fire risk.

6.2 To meet the requirements for the provision of cavity barriers in national Building Regulations, cavity barriers should be provided as described in:

England and Wales

Approved Document B, Section 10, Clauses 10.2 to 10.5.

Scotland

Standards D6.1 and D6.2.


Northern Ireland

Technical Booklet E, Section 3, Clauses 3.27 to 3.28.

7 Weathertightness

7.1 Tests indicate that the products can resist water under pressure.

7.2 The products are resistant to the passage of water and wind-blown dust or snow.

 7.3 The products can contribute to enabling a wall, constructed to section 3.2 of the relevant Detail Sheet, to satisfy:

England and Wales

Approved Document C, Requirement C4.

Scotland

Regulation 17, Standard G3.1.

Northern Ireland

Regulation C4.

7.4 The period prior to the installation of the brickwork should be kept to a minimum. The membranes should not be used as a temporary waterproof covering during this time.

Conditions of Certification

8 Conditions

8.1 This Certificate:

- (a) relates only to the product that is described, installed, used and maintained as set out in this Certificate;
- (b) is granted only to the company, firm or person identified on the front cover — no other company, firm or person may hold or claim any entitlement to this Certificate;
- (c) has to be read, considered and used as a whole document — it may be misleading and will be incomplete to be selective;
- (d) is copyright of the BBA.

8.2 References in this Certificate to any Act of Parliament, Regulation made thereunder, Directive or Regulation of the European Union, Statutory Instrument, Code of Practice, British Standard, manufacturers' instructions or similar publication, shall be construed as references to such publication in the form in which it was current at the date of this Certificate.

8.3 This Certificate will remain valid for an unlimited period provided that the product and the manufacture and/or fabricating process(es) thereof:

- (a) are maintained at or above the levels which have been assessed and found to be satisfactory by the BBA;

(b) continue to be checked by the BBA or its agents; and

(c) are reviewed by the BBA as and when it considers appropriate.

8.4 In granting this Certificate, the BBA makes no representation as to:

- (a) the presence or absence of any patent or similar rights subsisting in the product or any other product;
- (b) the right of the Certificate holder to market, supply, install or maintain the product; and
- (c) the nature of individual installations of the product, including methods and workmanship.

8.5 Any recommendations relating to the use or installation of this product which are contained or referred to in this Certificate are the minimum standards required to be met when the product is used. They do not purport in any way to restate the requirements of the Health & Safety at Work etc Act 1974, or of any other statutory, common law or other duty which may exist at the date of this Certificate or in the future; nor is conformity with such recommendations to be taken as satisfying the requirements of the 1974 Act or of any present or future statutory, common law or other duty of care. In granting this Certificate, the BBA does not accept responsibility to any person or body for any loss or damage, including personal injury, arising as a direct or indirect result of the installation and use of this product.



In the opinion of the British Board of Agrément, TYVEK Construction Membranes are fit for their intended use provided they are installed, used and maintained as set out in this Certificate. Certificate No 90/2548 is accordingly awarded to DuPont Engineering Products s.à.r.l.

On behalf of the British Board of Agrément

Date of Fifth issue: 21st March 2003

A handwritten signature in black ink, appearing to read 'P. C. Newson', is written over a light grey background.

Chief Executive

**Original Certificate issued 13th November 1990. This amended version includes reference to the additional Regulations and Standards covering conservation of fuel and power.*

