

Flachdach Technologie GmbH & Co KG

Eisenbahnstrasse 6-8
68199 Mannheim
Germany

Tel: 00 49 621 8504-372 Fax: 00 49 621 8504-378
e-mail: export@fdt.de
website: www.fdt.de



Agrément Certificate
02/3922
Product Sheet 1

RHEPANOL

RHEPANOL FK AND FK SR ROOF COVERING SYSTEMS

This Agrément Certificate Product Sheet⁽¹⁾ relates to Rhepanol fk and fk SR Roof Covering Systems, polyisobutylene membranes laminated with polyester fleece backing, for use as waterproofing membranes on roofs with limited access.

(1) Hereinafter referred to as 'Certificate'.

CERTIFICATION INCLUDES:

- factors relating to compliance with Building Regulations where applicable
- factors relating to additional non-regulatory information where applicable
- independently verified technical specification
- assessment criteria and technical investigations
- design considerations
- installation guidance
- regular surveillance of production
- formal three-yearly review.

KEY FACTORS ASSESSED

Weathertightness — the systems, including joints when completely sealed and consolidated, will resist the passage of moisture into the building (see section 6).

Properties in relation to fire — results of tests indicate that the systems can enable a roof to be unrestricted under the current Building Regulations (see section 7).

Resistance to wind uplift — the systems will resist the effects of any wind suction likely to occur in practice (see section 8).

Resistance to foot traffic — the systems will accept, without damage, the limited foot traffic and loads associated with installation and maintenance (see section 9).

Durability — under normal service conditions the systems will provide a durable waterproof covering with a service life of at least 35 years (see section 11).



The BBA has awarded this Certificate to the company named above for the systems described herein. These systems have been assessed by the BBA as being fit for their intended use provided they are installed, used and maintained as set out in this Certificate.

On behalf of the British Board of Agrément

Date of Second issue: 16 September 2015

John Albon — Head of Approvals
Construction Products

Claire Curtis-Thomas
Chief Executive

Originally certificated on 6 January 2002

The BBA is a UKAS accredited certification body — Number 113. The schedule of the current scope of accreditation for product certification is available in pdf format via the UKAS link on the BBA website at www.bbacerts.co.uk

Readers are advised to check the validity and latest issue number of this Agrément Certificate by either referring to the BBA website or contacting the BBA direct.

British Board of Agrément
Bucknalls Lane
Watford
Herts WD25 9BA

tel: 01923 665300
fax: 01923 665301
clientservices@bba.star.co.uk
www.bbacerts.co.uk

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Regulations

In the opinion of the BBA, Rhepanol fk and fk SR Roof Covering Systems, if installed, used and maintained in accordance with this Certificate, can satisfy or contribute to satisfying the relevant requirements of the following Building Regulations (the presence of a UK map indicates that the subject is related to the Building Regulations in the region or regions of the UK depicted):



The Building Regulations 2010 (England and Wales) (as amended)

Requirement: B4(2)	External fire spread
Comment:	Test data indicate that on suitable substructures the use of the systems will enable a roof to be unrestricted under this Requirement. See section 7 of this Certificate.
Requirement: C2(b)	Resistance to moisture
Comment:	The systems can contribute to satisfying this Requirement. See section 6.1 of this Certificate.
Regulation: 7	Materials and workmanship
Comment:	The systems comprise acceptable materials. See section 11.1 and the <i>Installation</i> part of this Certificate.



The Building (Scotland) Regulations 2004 (as amended)

Regulation: 8(1)(2)	Durability, workmanship and fitness of materials
Comment:	The systems can contribute to a construction meeting this Regulation. See sections 10 and 11.1 and the <i>Installation</i> part of this Certificate.
Regulation: 9	Building standards applicable to construction
Standard: 2.8	Spread from neighbouring buildings
Comment:	The systems, when applied to a non-combustible substrate, can be regarded as having low vulnerability under clause 2.8.1 ⁽¹⁾⁽²⁾ of this Standard. See section 7 of this Certificate.
Standard: 3.10	Precipitation
Comment:	Tests for water resistance indicate that use of the systems will enable a roof to satisfy the requirements of this Standard, with reference to clauses 3.10.1 ⁽¹⁾⁽²⁾ and 3.10.7 ⁽¹⁾⁽²⁾ . See section 6.1 of this Certificate.
Standard: 7.1(a)	Statement of sustainability
Comment:	The systems can contribute to meeting the relevant requirements of Regulation 9, Standards 1 to 6 and therefore will contribute to a construction meeting a bronze level of sustainability as defined in this Standard.
Regulation: 12	Building standards applicable to conversions
Comment:	All comments given for the systems under Regulation 9, Standards 1 to 6 also apply to this Regulation, with reference to clause 0.12.1 ⁽¹⁾⁽²⁾ and Schedule 6 ⁽¹⁾⁽²⁾ . (1) Technical Handbook (Domestic). (2) Technical Handbook (Non-Domestic).



The Building Regulations (Northern Ireland) 2012 (as amended)

Regulation: 23(a)(i)(iii)(b)(i)	Fitness of materials and workmanship
Comment:	The systems are acceptable. See section 11.1 and the <i>Installation</i> part of this Certificate.
Regulation: 28(b)	Resistance to moisture and weather
Comment:	The membranes, including joints, will enable a roof to meet the requirements of this Regulation. See section 6.1 of this Certificate.
Regulation: 36(b)	External fire spread
Comment:	On a suitable substructure, the use of the membranes will enable a roof to be unrestricted under the requirements of this Regulation. See section 7 of this Certificate.

Construction (Design and Management) Regulations 2015

Construction (Design and Management) Regulations (Northern Ireland) 2007

Information in this Certificate may assist the client, Principal Designer/CDM co-ordinator, designer and contractors to address their obligations under these Regulations.

See sections: 1 *Description* (1.2), 3 *Delivery and site handling* (3.3) and 14 *General* (14.1.2) of this Certificate.

Additional Information

NHBC Standards 2014

NHBC accepts the use of Rhepanol fk and fk SR Roof Covering Systems, provided they are installed, used and maintained in accordance with this Certificate, in relation to *NHBC Standards*, Chapter 7.1 *Flat roofs and balconies* and Chapter 7.2 *Pitched roofs*.

CE marking

The Certificate holder has taken the responsibility of CE marking the systems, in accordance with harmonised European Standard EN 13956 : 2012. An asterisk (*) appearing in this Certificate indicates that data shown are given in the manufacturer's Declaration of Performance.

Technical Specification

1 Description

1.1 Rhepanol fk and fk SR Roof Covering Systems consist of smooth-finished polyisobutylene membranes, with polyester fleece backing, in roll form. Rhepanol fk incorporates a 50 mm wide self-sealing edge, protected with a release paper, and Rhepanol fk SR has a 50 mm selvedge for hot-air welding.

1.2 The membranes are available with the following nominal characteristics:

Thickness (mm)	2.5 (comprising 1.5 mm thick PIB membrane and 1 mm thick fleece)
Width (m)	0.35, 0.52, 0.65 and 1.05
Roll length (m)	10 and 15
Weight (kg·m ⁻²)	2.6
Tensile strength* (N·50 mm ⁻¹)	≥ 400
Low temperature flexibility*(°C)	≤ -40
Resistance to impact*(mm)	
hard substrate	≥700
soft substrate	≥700
Dimensional stability* (%)	≤0.5
Impact to static load* (Kg)	20
Colours	white, grey, black

1.3 Ancillary items necessary for installation of the systems and included in this assessment are:

- Rhepanol f — PIB membrane without fleece backing
- Rhepanol fk double-sealing edge — PIB membrane with a selvedge along both edges, available in widths of 0.25 m, 0.35 m, 0.52 m, 0.65 m, and 1.05 m
- Gripfix — 125 mm wide Velcro fixing strips and approved fixings
- Rhepanol sealing tape
- Rhepanol cover tape — for use at cross-joints, T-joints, pipe flashings and penetrations in conjunction with Rhepanol sealing tape
- Rhepanol solvent welding agent — for welding the membrane to strips and collars
- Rhepanol adhesive 9 — for bonding the membrane to plywood or chipboard
- Rhepanol adhesive 90 — for bonding the membrane onto bitumen membranes (without PE foil), coverings, timber, aerated concrete and concrete
- Rhepanol contact adhesive 50 — for bonding the membrane to wall and parapet surfaces
- Rhepanol paste — used to prevent the ingress of water by capillary action at cut edges
- Rhepanol copper and zinc coatings to mimic long strip metal roofs
- self-adhesive decorative profiles — applied to create architectural features in the details of the membrane
- stainless steel gravel stop system
- Rhepanol paint — a decorative coating for use on Rhepanol membranes available in copper and aluminium.

2 Manufacture

2.1 Rhepanol fk and fk SR are manufactured by extruding a PIB compound into sheet form. A synthetic fleece is bonded to the back of the PIB, leaving a 50 mm selvedge (Rhepanol fk SR) or applying a 50 mm wide self-sealing edge (Rhepanol fk). The finished products are rolled onto cardboard tubes.

2.2 As part of the assessment and ongoing surveillance of product quality, the BBA has:

- agreed with the manufacturer the quality control procedures and product testing to be undertaken
- assessed and agreed the quality control operated over batches of incoming materials
- monitored the production process and verified that it is in accordance with the documented process
- evaluated the process for management of nonconformities
- checked that equipment has been properly tested and calibrated
- undertaken to carry out the above measures on a regular basis through a surveillance process, to verify that the specifications and quality control operated by the manufacturer are being maintained.

2.3 The management system of Flachdach Technologie GmbH & Co KG has been assessed and registered as meeting the requirements of BS EN ISO 9001 : 2008 by TÜV SUD Management Services (Certificate 12 100 22279 TMS).

2.4 The systems are manufactured in Germany and marketed and distributed in the UK by FDT, Flat Roof Design and Technology, Mannheim House, Gelders Hall Road, Shepshed, Leicestershire LE12 9NH, tel: 01509 505714, fax: 01509 505475, e-mail: info@fdt.uk.com, website: www.singleply.co.uk.

3 Delivery and site handling

3.1 The membranes are delivered to site in rolls, wrapped in polythene bags and packed in cardboard boxes. Each roll bears a label indicating length, width, weight and the BBA logo incorporating the number of this Certificate. The sheets are marked on one edge to show the date, shift and production batch number.

3.2 All components of the systems should be stored under cover on a smooth substrate. Rolls must be stacked horizontally, not more than three high and parallel to each other. Accessories must be stored away from heat and the liquids must be kept away from naked flames.

3.3 The Certificate holder has taken the responsibility of classifying and labelling the system components under the CLP Regulation (EC) No 1272 / 2008 on the classification, labelling and packaging of substances and mixtures. Users must refer to the relevant Safety Data Sheets.

Assessment and Technical Investigations

The following is a summary of the assessment and technical investigations carried out on Rhepanol fk and fk SR Roof Covering Systems.

Design Considerations

4 Use

4.1 Rhepanol fk and fk SR Roof Covering Systems are satisfactory for use in the following roofing specifications:

- mechanically-fixed roof waterproofing layer on flat roofs with limited access
- loose-laid roof waterproof covering, ballasted with aggregate or tiles to prevent wind uplift, on parapeted flat roofs with limited access
- partially bonded on flat roofs with limited access.

4.2 For ballasted installations, the roof slope must be less than 3° (fall of less than 1 in 19) to minimise loss of ballast.

4.3 Limited access roofs are defined for the purpose of this Certificate as those that are subjected only to pedestrian traffic for maintenance of the roof covering, cleaning of gutters etc. Where traffic in excess of this is envisaged, special precautions, such as additional protection to the membrane, must be taken. The Certificate holder's advice must be sought for information on a range of options for protective coverings and walkway systems.

4.4 Flat roofs are defined for the purpose of this Certificate as those having a minimum finished fall of 1:80. Pitched roofs are defined as those having falls greater than 1:6. For design purposes twice the minimum finished fall should be assumed, unless a detailed analysis of the roof is available that includes overall and local deflection and direction of falls.

4.5 Decks which the systems are applied must comply with the relevant requirements of BS 6229 : 2003, BS 8217 : 2005 and, where appropriate, *NHBC Standards*, Chapter 7.1.

4.6 Insulation materials to be used in conjunction with the membranes must be in accordance with the Certificate holder's instructions and be either:

- as described in the relevant Clauses of BS 8217 : 2005, or
- the subject of a current BBA Certificate and used in accordance with, and within the limitations of, that Certificate.

4.7 Rhepanol is compatible with bitumen and resistant to a wide range of chemicals including hydrocarbons. However, where doubt arises the advice of the Certificate holder should be sought during the design stage.

5 Practicability of installation

The systems should only be installed by installers who have been trained and approved by the Certificate holder.

6 Weathertightness



6.1 Results of test data confirm that the membranes, including joints when completely sealed and consolidated, will adequately resist the passage of moisture to the inside of the building and so meet the requirements of the national Building Regulations.

6.2 The systems are impervious to water and when used as described will achieve a weathertight roof capable of accepting minor structural movement without damage.

7 Properties in relation to fire



7.1 When tested, a system comprising a 0.7 mm thick profiled metal decking, 0.2 mm thick vapour control layer and 65 mm mineral wool insulation using Gripfix fixing strips mechanically fastened with a layer of Rhepanol fk membrane attached, will be unrestricted

7.2 On flat roofs, when ballasted with a minimum of 50 mm of aggregate, the roof shall be deemed to be unrestricted.

7.3 The designation of other specifications should be confirmed by:

England and Wales — test or assessment in accordance with Approved Document B, Appendix A, Clause A1

Scotland — test by a UKAS-accredited laboratory to conform to Mandatory Standard 2.8, clause 2.8.1

Northern Ireland — test or assessment carried out by a UKAS-accredited laboratory, or an independent consultant with appropriate experience.

8 Resistance to wind uplift

8.1 Resistance to wind uplift of Rhepanol fk or fk SR, mechanically fixed using the Gripfix system, is provided by attachment of the membrane to the strip, which is secured to the deck by approved fasteners. The number and position of the strips and the number of fixings and washers will depend on a number factors, including:

- wind uplift forces to be resisted
- pull-out strength of fixing
- elastic limit of the membrane
- appropriate safety factors.

8.2 The number of fixings to be used should be established by reference to the wind uplift forces calculated in accordance with BS EN 1991-1-4 : 2005 and its UK National Annex on the basis of a maximum permissible load of 0.5 kN per fixing.

8.3 Where Rhepanol fk or fk SR is bonded to insulation boards, the resistance to wind uplift will be dependent on the cohesive strength of the insulation and the method by which it is secured to the roof deck. This should be taken into account when the insulation material is selected. Tests indicate that, on substrates with high cohesive strength, the adhesion of Rhepanol fk and fk SR is sufficient to resist the effects of wind suction, thermal cycling or minor structural movements occurring in practice.

8.4 When used in a loose-laid and ballasted system the precise ballast requirements should be calculated in accordance with the relevant parts of BS EN 1991-1-4 : 2005 and its UK National Annex, but should be a minimum of 50 mm thick layer of 20 mm to 40 mm graded gravel. The use of concrete slabs on suitable supports should be considered in areas of high wind exposure and the advice of the manufacturer should be sought.

9 Resistance to foot traffic

9.1 The systems can accept, without damage, the limited foot traffic and light concentrated loads associated with installation and maintenance. Reasonable care should be taken to avoid puncture by sharp objects or concentrated loads.

9.2 Where traffic in excess of this is envisaged, such as for maintenance of lift equipment, a walkway must be provided, using concrete slabs supported on suitable bearing pads, or a protective layer. In addition, some types of bearing pads will require the use of a protective sheet laid between the roof covering and the pads. The advice of the Certificate holder should be sought on the most appropriate method to be used depending on the level of traffic envisaged.

10 Maintenance



10.1 Roofs covered with the systems should be the subject of routine maintenance inspections during the spring and autumn to ensure the continued security and performance of the waterproofing.

10.2 The roof, including the drains, should be cleared of debris and any damage to the waterproofing membrane repaired in accordance with the Certificate holder's instructions (see section 17).

11 Durability



11.1 The systems have been used in Germany and the United Kingdom since 1961. Accelerated weathering tests and physical evidence confirm that satisfactory retention of physical properties is achieved and the Rhepanol fk and fk SR Roof Covering Systems will have a life of at least 35 years.

11.2 The BBA has examined existing installations in Germany which have been in service since 1973. Tests conducted on materials sampled from these installations, including tests after additional accelerated ageing, confirm satisfactory retention of physical properties and indicate that an extended service life of up to 40 years can be achieved.

11.3 Where an extended service life is required, the Certificate holder or his agent must carry out inspections at the beginning and end of installation, and, if required, during it, to ensure that both the necessary preparatory work and the installation have been carried out in accordance with the specification for the work. In addition, post-installation inspections should also be carried out under the Certificate holder's Quality Management System at maximum intervals of five years.

11.4 Routine maintenance inspections should also be carried out during the spring and autumn in accordance with the recommendations given in BS 6229 : 2003.

12 Reuse and recyclability

The products contain polyisobutylene and polyester, which can be recycled.

Installation

13 General

13.1 Installation of Rhepanol fk and fk SR Roof Covering Systems must be strictly in accordance with the Certificate holder's application instructions and should only be carried out by trained and approved contractors.

13.2 In all cases, a vapour barrier should be used directly over the deck.

13.3 The membranes may be applied over glass tissue-faced insulation materials and fixed to the substructure in such a way as not to impair the performance of the waterproofing membrane. Other insulation materials suitable for use with the membrane are polystyrene, polyisocyanurate and mineral fibre.

13.4 Deck surfaces should be clean, dry and free from sharp projections such as nail heads and concrete nibs.

13.5 The membranes should be laid in conditions normal to roofing work. To prevent the entrapment of moisture under the membranes, they must not be laid in wet or damp weather conditions, or at temperatures below 5°C.

14 Procedure

Mechanically-fixed applications using the Gripfix system

14.1 Gripfix strips should run perpendicular to the direction of Rhepanol fk and fk SR membranes and perpendicular to the span direction of the corrugated steel decking or timber boarding.

14.2 The strips are rolled out and laid flat, avoiding undue rippling, at the designed spacing. The maximum distance between strips must not exceed 1.2 m.

14.3 Fixings with a maximum 50 mm diameter circular washer or 40 mm by 82 mm oval washer, selected in accordance with the Certificate holder's instructions, are installed flush with the insulation at fixing centres in accordance with the wind uplift calculations.

14.4 Rhepanol fk or fk SR membrane is rolled out over the Gripfix strips. To assist laying the roofing membrane more accurately, the first few Gripfix strips may be temporarily covered, eg with unbacked membrane or sheet metal. When correctly aligned, the covers can be removed and the membrane fixed in position.

14.5 Adjacent membranes are overlapped by at least 50 mm and end laps should be stepped by a minimum of 300 mm.

14.6 Side laps are prepared as described in section 15.

Loose-laid

14.7 Two rolls of Rhepanol fk are rolled out, with the sealing edge overlapping the next roll. Side laps are prepared as described in section 15. End laps are sealed using Rhepanol sealing tape.

14.8 The loading medium should be laid on the roof covering as soon as possible to avoid damage to the sheets or joints owing to wind uplift.

Partially bonded

14.9 The deck is prepared and underlayers applied, using traditional techniques. Rhepanol fk is laid partially bonded using Rhepanol adhesive 90 or hot bitumen, following normal procedures, ensuring that Rhepanol adhesive 90 or bitumen is kept well away from the lap joint. The lap joint is then sealed as described in section 15. On timber, Rhepanol adhesive 9 is used but is applied to the whole surface.

14.10 On inclined surfaces where the use of hot bitumen is impracticable, Rhepanol contact adhesive 50 is used in accordance with the Certificate holder's instructions. On sloping roofs with falls in excess of 1:3, the sheets must incorporate mechanical fixings.

14.11 Self-adhesive decorative profiles can also be applied where required.

General

14.12 The solvent materials used in the system have a low flashpoint and care must be taken to avoid naked flames.

14.13 After completion of the jointing process the lap should be tested for complete watertightness.

15 Jointing and flashing procedure

Self-adhesive jointing

15.1 The lower membrane below the seam is cleaned with Rhepanol solvent welding agent using a cloth. The protective release paper is removed from the upper membrane's sealing edge, and the seam is rolled out with a heavy-duty roller.

Hot-air welding (automatic welding machine)

15.2 The welding area must be dry and clean. If the membrane has become contaminated, it must be cleaned in accordance with the Certificate holder's instructions.

15.3 The overlap width of the membranes must be a minimum of 100 mm.

15.4 The temperature for the automatic welding machine must be set in accordance with the Certificate holder's instructions, depending on the ambient temperature.

15.5 The joint is welded using the machine. Care must be taken to ensure that overheating of the membrane does not occur, as damage to the membrane may result.

Hot-air welding (hand-held welder)

15.6 The welding area must be dry and clean. If the membrane has become contaminated, it must be cleaned in accordance with the Certificate holder's instructions.

15.7 The overlap width of the membranes must be a minimum of 100 mm.

15.8 The temperature for the hand-held welder must be set in accordance with the Certificate holder's instructions, depending on the ambient temperature.

15.9 The joint weld is consolidated using a hand-held roller. Care must be taken to ensure that overheating of the membrane does not occur, as damage to the membrane may result.

16 Details

16.1 The Certificate holder supplies a range of prefabricated Rhepanol fl shapes for the installation of details and flashing.

16.2 The area of roofing sheets where flashing is to be jointed must be clean, dust-free and dry. It is essential that a full, even support is provided under the area for jointing and that the joint is correctly consolidated.

16.3 When using the loose-laid specification, rainwater outlets should be fitted with guards to prevent blockage by ballast material and to stop any local loss of depth to the ballasting.

17 Repair

In the event of damage, repair should be carried out in accordance with the Certificate holder's instructions. The damaged area is cut back to sound membrane, and the area to be bonded is cleaned back to unweathered material and patched using Rhepanol f or with a self-adhesive cover tape, extending at least 50 mm beyond the defect.

Technical Investigations

18 Tests

An assessment was made of data in relation to:

- water vapour permeability
- water vapour resistance
- shore hardness
- dynamic indentation
 - hard substrate
 - soft substrate
- static indentation
 - hard substrate
 - soft substrate
- low temperature flexibility
- tensile strength
 - unaged
 - heat aged
 - UV aged
- elongation at break
 - unaged

- heat aged
- UV aged
- dimensional stability
- joint peel strength
- joint shear strength
- wind uplift
- resistance to nail tear
- resistance to water pressure.

19 Investigations

19.1 Existing data on the fire performance of the membranes were examined.

19.2 The manufacturing process was evaluated, including the methods adopted for quality control, and details were obtained of the quality and composition of the materials used.

19.3 Visits were made to sites in progress to assess the methods of application.

19.4 Wind uplift data on a mechanically-fixed system using Gripfix from WSP, Germany were evaluated.

19.5 An assessment of the systems' durability was made, based on data from existing sites and data resulting in the issue of previous BBA Certificate No 87/1858/C (BRAAS Rhepanol fk Roof Covering System).

19.6 A reassessment of the original Durability statement was made, based on a visit to old existing sites in Germany and on tests conducted on naturally-aged material.

Bibliography

BS 6229 : 2003 *Flat roofs with continuously supported coverings — Code of practice*

BS 8217 : 2005 *Reinforced bitumen membranes for roofing — Code of practice*

BS EN 1991-1-4 : 2005 *Eurocode 1 : Actions on structures — General actions — Wind actions*

NA to BS EN 1991-1-4 : 2005 *UK National Annex to Eurocode 1 : Actions on structures — General actions — Wind actions*

BS EN ISO 9001 : 2008 *Quality management systems — Requirements*

EN 13956 : 2012 *Flexible sheets for waterproofing — Plastic and rubber sheets for roof waterproofing — Definitions and characteristics*

20 Conditions

20.1 This Certificate:

- relates only to the product/system that is named and described on the front page
- is issued only to the company, firm, organisation or person named on the front page — no other company, firm, organisation or person may hold or claim that this Certificate has been issued to them
- is valid only within the UK
- has to be read, considered and used as a whole document — it may be misleading and will be incomplete to be selective
- is copyright of the BBA
- is subject to English Law.

20.2 Publications, documents, specifications, legislation, regulations, standards and the like referenced in this Certificate are those that were current and/or deemed relevant by the BBA at the date of issue or reissue of this Certificate.

20.3 This Certificate will remain valid for an unlimited period provided that the product/system and its manufacture and/or fabrication, including all related and relevant parts and processes thereof:

- are maintained at or above the levels which have been assessed and found to be satisfactory by the BBA
- continue to be checked as and when deemed appropriate by the BBA under arrangements that it will determine
- are reviewed by the BBA as and when it considers appropriate.

20.4 The BBA has used due skill, care and diligence in preparing this Certificate, but no warranty is provided.

20.5 In issuing this Certificate, the BBA is not responsible and is excluded from any liability to any company, firm, organisation or person, for any matters arising directly or indirectly from:

- the presence or absence of any patent, intellectual property or similar rights subsisting in the product/system or any other product/system
- the right of the Certificate holder to manufacture, supply, install, maintain or market the product/system
- actual installations of the product/system, including their nature, design, methods, performance, workmanship and maintenance
- any works and constructions in which the product/system is installed, including their nature, design, methods, performance, workmanship and maintenance
- any loss or damage, including personal injury, howsoever caused by the product/system, including its manufacture, supply, installation, use, maintenance and removal
- any claims by the manufacturer relating to CE marking.

20.6 Any information relating to the manufacture, supply, installation, use, maintenance and removal of this product/system which is contained or referred to in this Certificate is the minimum required to be met when the product/system is manufactured, supplied, installed, used, maintained and removed. It does not purport in any way to restate the requirements of the Health and Safety at Work etc. Act 1974, or of any other statutory, common law or other duty which may exist at the date of issue or reissue of this Certificate; nor is conformity with such information to be taken as satisfying the requirements of the 1974 Act or of any statutory, common law or other duty of care.