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Agrément Certificate 14/5155

**Product Sheet 1** 

## PRO CLIMA INTELLIGENT VAPOUR CONTROL AND AIRTIGHT SYSTEMS

#### **INTELLO AND INTELLO PLUS**

This Agrément Certificate Product Sheet<sup>(1)</sup> relates to Intello and Intello Plus, humidity-variable air and vapour control layers (AVCL), manufactured from a polyethylene copolymer with a polypropylene fleece and reinforcing net, for use in roofs, walls and suspended floors and as part of the Pro Clima Intelligent Airtight System, in domestic and non-domestic buildings up to and including humidity class 4 and air barriers.

(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**

**Condensation** — the products will reduce the risk of interstitial condensation (see section 6).

Airtightness — the products are air barriers and can reduce heat loss by air infiltration (see section 7).

**Strength** — the products have adequate strength to resist damage during installation (see section 8).

**Properties in relation to fire** — the products are classified as Class E in accordance with BS EN 13501-1: 2018 and their use is restricted in some cases by the national Building Regulations (see section 9).

**Durability** — The products are rot-proof, do not tear easily and will have a life equal to that of the element in which they are installed (see section 11).

The BBA has awarded this Certificate to the company named above for the products described herein. These products 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 Third issue: 11 May 2022

Originally certificated on 22 January 2015

Hardy Giesler
Chief Executive Officer

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 MUST check the validity and latest issue number of this Agrément Certificate by either referring to the BBA website or contacting the BBA directly.

Any photographs are for illustrative purposes only, do not constitute advice and should not be relied upon.

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## Regulations

In the opinion of the BBA, Intello and Intello Plus, 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 Bu                  | ilding Regulations 2010 (England and Wales) (as amended)   |
|--|-------------------------|--|
| Requirement<br>Comment:                                  | B3(4)                   | Internal fire spread The products can contribute to satisfying this Requirement. See section 9.1 of this Certificate.  |
| Requirement<br>Comment:                                  | B4(1)                   | <b>External fire spread</b> The products are restricted by this Requirement. See section 9.2 of this Certificate.  |
| Requirement:<br>Comment:                                 | C2(c)                   | Resistance to moisture The products can contribute to limiting the risk of interstitial condensation. See section 6.4 of this Certificate.   |
| Requirement:<br>Comment:                                 | L1(a)(1)                | Conservation of fuel and power The products can contribute to satisfying this Requirement. See section 7 this Certificate  |
| Regulation:<br>Comment:                                  | 7(1)                    | Materials and workmanship The products satisfy the requirements of this Regulation. See section 11 and the Installation part of this Certificate.  |
| Regulation: Regulation: Regulation: Regulation: Comment: | 26<br>26A<br>26A<br>26B | CO <sub>2</sub> emission rates for new buildings Fabric energy efficiency rates for new dwellings (applicable to England only) Primary energy consumption rates for new buildings (applicable to Wales only) Fabric performance values for new dwellings (applicable to Wales only) The products can contribute to satisfying these Regulations. See section 7 this Certificate. |

|             |        | Certificate.  |
|-------------|--------|---|
| E E         | The Bu | uilding (Scotland) Regulations 2004 (as amended)  |
| Regulation: | 8(1)   | Durability, workmanship and fitness of materials  |
| Comment:    |        | The products satisfy the requirements of this Regulation. See section 11 and the <i>Installation</i> part of this Certificate.  |
| Regulation: | 9      | Building standards applicable to construction   |
| Standard:   | 2.4    | Cavities  |
| Comment:    |        | The products can contribute to satisfying this Standard with respect to clause $2.4.2^{(1)(2)}$ . See section 9.1 of this Certificate.  |
| Standard:   | 3.15   | Condensation  |
| Comment:    |        | The products can contribute to limiting the risk of interstitial condensation, with reference to clauses $3.15.1^{(1)(2)}$ and $3.15.5^{(1)(2)}$ of this Standard. See section 6.4 of this Certificate.                                   |
| Standard:   | 6.1(b) | Carbon dioxide emissions  |
| Standard:   | 6.2    | Building insulation envelope  |
| Comment:    |        | The products can contribute to satisfying these Standards, with reference to clauses $6.1.1^{(1)}$ , $6.1.2^{(2)}$ , $6.1.6^{(1)}$ , $6.2.4^{(1)}$ , $6.2.6^{(2)}$ , $6.2.10^{(1)}$ , $6.2.12^{(2)}$ . See Section 7 of this Certificate. |
|             |        |   |

| Standard:<br>Comment:   | 7.1(a)(b) | Statement of sustainability The products can contribute to satisfying 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. In addition, the products can contribute to a construction meeting a higher level of sustainability as defined in this Standard, with reference to clauses 7.1.4 $^{(1)(2)}$ [Aspects $1^{(1)(2)}$ and $2^{(1)}$ ], 7.1.6 $^{(1)(2)}$ [Aspects $1^{(1)(2)}$ and $2^{(1)}$ ] and 7.1.7 $^{(1)(2)}$ [Aspect $1^{(1)(2)}$ ]. See section 7 of this Certificate. |
|-------------------------|-----------|--|
| Regulation:<br>Comment: | 12        | Building standards applicable to conversions  Comments in relation to the products under Regulation 9, Standards 1 to 6 also apply to this Regulation, with reference to clause 0.12.1 <sup>(1)(2)</sup> and Schedule 6 <sup>(1)(2)</sup> .  (1) Technical Handbook (Domestic). (2) Technical Handbook (Non-Domestic).   |
|                         | The Bu    | ilding Regulations (Northern Ireland) 2012 (as amended)  |
| 3185                    |           | 3 -0 -1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -  |

|  | The Bu               | ilding Regulations (Northern Ireland) 2012 (as amended)   |
|--|----------------------|---|
| Regulation:<br>Comment:                | 23(a)(i)<br>(iii)(b) | <b>Fitness of materials and workmanship</b> The products are acceptable. See section 11 and the <i>Installation</i> part of this Certificate.             |
| Regulation:<br>Comment:                | 29                   | <b>Condensation</b> The products can contribute to limiting the risk of interstitial condensation. See section 6.4 of this Certificate.                   |
| Regulation:<br>Comment:                | 35(4)                | Internal fire spread - structure The products can contribute to satisfying this Regulation. See section 9.1 of this Certificate.                          |
| Regulation:<br>Regulation:<br>Comment: | 39(a)(i)<br>40(2)    | Conservation measures Target carbon dioxide emission rate The products can contribute to satisfying these Regulations. See section 7 of this Certificate. |

# Construction (Design and Management) Regulations 2015 Construction (Design and Management) Regulations (Northern Ireland) 2016

Information in this Certificate may assist the client, designer (including Principal Designer) and contractor (including Principal Contractor) to address their obligations under these Regulations.

See sections: 1 Description (1.2) and 3 Delivery and site handling (3.3) of this Certificate.

## **Additional Information**

#### NHBC Standards 2022

In the opinion of the BBA, Intello and Intello Plus, if installed, used and maintained in accordance with this Certificate, can satisfy or contribute to satisfying the relevant requirements in relation to NHBC Standards, Chapters 6.2 External timber framed walls, 6.10 Light steel framing, 7.1 Flat roofs, terraces and balconies, 7.2 Pitched roofs and 9.2 Wall and ceiling finishes.

In NHBC projects where Intello and Intello Plus are used in conjunction with a vapour-closed insulation, a diffusion open membrane must be used on the cold side of the insulation.

## **CE** marking

The Certificate holder has taken the responsibility of CE marking the system, in accordance with European Technical Assessment 18/1146, issued under EAD 030271-00-0605 issued by Deutsches Institut fur Bautechnik (DIBt).

## **Technical Specification**

## 1 Description

- 1.1 Intello and Intello Plus are AVCLs with a resistance to vapour diffusion that depends on the moisture content of the air adjacent to the membrane. In summer conditions, and in winter conditions where solar radiation is incident on the element, the vapour resistance reduces and facilitates the inward diffusion/escape of accumulated moisture.
- 1.2 Intello consists of a polyethylene copolymer coating on a polypropylene fleece and Intello Plus includes an additional reinforcing net. The nominal characteristics of the membranes are given in Table 1 and the nominal water vapour resistance properties are given in Table 2.

| Characteristic (unit)                   | Membrane type           |                         |  |  |
|---|-------------------------|-------------------------|--|--|
|   | Intello                 | Intello Plus            |  |  |
| Mass per unit area (g·m <sup>-2</sup> ) | 85                      | 110                     |  |  |
| Roll length (m)                         | 20 <sup>(1)</sup> or 50 | 20 <sup>(1)</sup> or 50 |  |  |
| Roll width (m)                          | 1.5 or 3.0              | 1.5 or 3.0              |  |  |
| Thickness (mm)                          | 0.25                    | 0.40                    |  |  |
| Tensile strength (N per 50 mm)          |                         |                         |  |  |
| longitudinal                            | 110                     | 340                     |  |  |
| transverse                              | 80                      | 220                     |  |  |
| Elongation (%)                          |                         |                         |  |  |
| longitudinal                            | 40                      | 15                      |  |  |
| transverse                              | 35                      | 15                      |  |  |
| Nail tear (N)                           |                         |                         |  |  |
| longitudinal                            | 60                      | 200                     |  |  |
| transverse                              | 60                      | 200                     |  |  |
| Reaction to fire                        | Class E                 | Class E                 |  |  |
| Colour                                  | white                   | white                   |  |  |

<sup>(1)</sup> Available only in 1.5 m width.

| Property tested                                      | Relative humidity either side of the product<br>(Mean humidity) at 23°C |                   |                 |  |
|--|---|-------------------|-----------------|--|
|  | 0/50%<br>(25%)  | 50/93%<br>(71.5%) | 85/95%<br>(90%) |  |
| Equivalent air layer thickness (s <sub>d</sub> ) (m) | 34  | 1.7               | 0.3             |  |
| Water vapour resistance $(MN \cdot s \cdot g^{-1})$  | 170   | 8.5               | 1.5             |  |

- 1.3 Other items which may be used with the products as part of the Pro Clima Intelligent Airtight System, but which are outside the scope of this Certificate, are:
- Orcon Classic and Orcon F Acrylate adhesives for use in bonding the membranes to other building materials
- Tescon Vana an adhesive tape for bonding overlaps in the membranes
- Tescon No 1 the same adhesive tape as Tescon Vana with a single-part release paper, for use as a multi-purpose
  tape for overlaps, service penetrations and repairing damaged areas
- Tescon Profil an adhesive tape with a two- or three-part release paper, for use in areas where application is difficult, e.g. windows, doors, corners
- Contega PV an adhesive tape with PET netting attached, for use as a plaster bond tape to help form an airtight joint between the vapour control layer and the plaster

- Contega SL a double-layer plaster sealing tape with vapour control properties. The tape is bonded using Orcon F
- Contega Solido SL full-surface adhesive plaster sealing tape for interior use
- Uni Tape a paper adhesive tape with release paper, for bonding overlaps in the AVCL
- Uni Tape XL/Tescon Vana Patch for patching or repairing the membranes, e.g. for sealing injection holes indoors
- Duplex a double-sided adhesive tape for sealing the membrane to metal surfaces
- Kaflex Mono, Duo, Post and Multi Airtight Grummet EPDM grommets for cables
- Roflex 20 to Roflex 300 Airtight Grummets a range of EPDM grommets for pipes
- Roflex 20 Multi Airtight Grummets an EPDM grommet for multiple cables
- DA-S a polypropylene vapour check and airtight sealing strip with a polypropylene protection fleece
- Tescon Primer RP a primer for preparing substrates including wood, wood-fibre boards, blocks and concrete
- Stoppa sealing grommets for service tubes
- Instaa-box an installation box for sealing services, such as sockets, when a service void is not available behind dry lining.

#### 2 Manufacture

- 2.1 Intello is manufactured by coating the fleece with the copolymer. The reinforcement net in Intello Plus is laminated to the membrane using the molten copolymer coating.
- 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 products are marketed in the United Kingdom by Ecological Building Systems Limited, Tel: 01228 711511, Fax: 01228 712280, e-mail: info@ecologicalbuildingsystems.com, website: www.ecologicalbuildingsystems.com

## 3 Delivery and site handling

- 3.1 Rolls are delivered to site packaged on pallets, 42 rolls per pallet for the 20 m length, and 20 rolls per pallet for the 50 m length. Each pallet carries a label bearing the product name, product type, dimensions, production order number and production date. The product is printed with the product name, CE marking and the BBA logo incorporating the number of this Certificate.
- 3.2 Rolls should be stored flat on a smooth, clean dry surface under cover and protected from direct sunlight.
- 3.3 The Certificate holder has taken the responsibility of classifying and labelling the products 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 Sheet(s).

#### **Assessment and Technical Investigations**

The following is a summary of the assessment and technical investigations carried out on Intello and Intello Plus.

#### **Design Considerations**

#### 4 Use

- 4.1 Intello and Intello Plus are satisfactory for use as AVCL or air barriers in new-build and refurbishments in domestic and non-domestic buildings up to and including humidity class 4, on the warm side of the insulation as part of the Pro Clima Intelligent Airtight System, and as an alternative to traditional materials, in the following roof, wall and floor specifications:
- at the rafter line in slated or tiled pitched timber warm roof constructions in conjunction with an HR or LR underlay

- at ceiling level in warm pitched roof constructions
- at ceiling level in slated or tiled pitched cold roof constructions
- in walls in timber, masonry and steel-frame constructions
- suspended floors
- conventional flat roofs.
- 4.2 Further information is given in BRE Report BR 262: 2002.
- 4.3 Where constructions need to comply with *NHBC Standards* 2022, specifiers should observe the requirements given in Chapters 6.2, 6.10, 7.1, 7.2 and 9.2 of that document.
- 4.4 It is essential that proper care and attention is given to maintaining the products' integrity and continuity.
- 4.5 New elements should incorporate the products on the warm side of the insulation, and the overall construction must be designed and constructed in accordance with the relevant good practice, Regulations and Standards.
- 4.6 Existing elements must be in a good state of repair without evidence of rain penetration, damp or frost damage or repaired and any rain penetration, damp or frost damage rectified.
- 4.7 NHBC will only accept the use of the products as variable resistance AVCL when used in conjunction with vapour open insulations, such as mineral wool. When used in conjunction with a vapour closed insulation, a diffusion open membrane must be used on the cold side of the insulation.

## 5 Practicability of installation

The membranes are designed to be installed by competent installers experienced with these types of products.

#### 6 Condensation

- $6.1\,$  The products are variable AVCLs that have a vapour resistance between an  $S_d$  of  $0.3\,$  and  $34\,$ m according to the direction of heat flow and the relative humidity between both sides of the membrane. In summer, the membranes' vapour resistance decreases, allowing moisture to pass through the membrane back into the room. In winter, the membranes' vapour resistance increases to minimise vapour transfer into the construction.
- 6.2 The risk of condensation occurring will depend upon the properties and vapour resistance of other materials used in the construction, the internal and external conditions, and the effectiveness of the products' installation.
- 6.3 Consideration must be given in the overall installation to minimise penetrations by services. Joints at ceilings/walls must be sealed to offer significant resistance to water vapour transmission. Sealing must be carried out in accordance with the Certificate holder's instructions.



6.4 When the products are installed in the warm side of the construction with a diffusion-tight layer on the outer face (e.g. waterproofing membranes, green roofs, HR underlay as defined in BS 5250: 2021), a dynamic condensation assessment in accordance with BS EN 15026: 2007 should be carried out for each particular situation, using an appropriate dynamic modelling package and considering parameters of:

- vapour diffusion resistance values of Intello given in section 6.1
- hygrothermal properties of all other materials in the construction, in particular vapour resistances in the cold side
- type of insulation
- element location, orientation and pitch
- rainfall and water absorption coefficient of the outermost external layer
- shading and solar absorptivity
- internal humidity conditions
- degree of airtightness of the construction.
- 6.5 Where incidence of solar radiation is low, such as in the Highlands of Scotland or north of Inverness, the potential for back drying is reduced and the advice of the Certificate holder should be sought.

## 7 Airtightness



The products are an air barrier and, when lapped, fixed and taped correctly, can contribute to elements and junctions minimising heat loss by unplanned air infiltration. Guidance in this respect can be found in the relevant supporting documents to the National Building Regulations.

## 8 Strength

The products have adequate strength to resist damage during installation and subsequent works.

## 9 Properties in relation to fire



9.1 The products are classified as Class E in accordance with BS EN 13501-1: 2018. Where the products forms the face of a cavity the permissible areas of use and the spacing of cavity barriers are restricted by the documents supporting the national Building Regulations.



- 9.2 In England and Wales, the products should not be used on buildings that have a storey at least 18 m above ground level and contain: one or more dwellings, an institution, a room for residential purposes (excluding any room in a hostel, hotel or boarding house), student accommodation, care homes, sheltered housing, hospitals or dormitories in boarding schools.
- 9.3 When the products are used unsupported, there is a risk that fire can spread if they are accidentally ignited during building and maintenance works, e.g. by a roofer's or plumber's torch. As with all types of membrane, care should be taken during building and maintenance to avoid ignition.

#### 10 Maintenance

As the products are confined within the roof/wall/floor structure and have suitable durability (see section 11), maintenance is not required.

## 11 Durability



The products are rot-proof, do not tear easily and will have a life equal to that of the element in which they are installed.

#### Installation

#### 12 General

- 12.1 Installation of Intello and Intello Plus must be in accordance with the Certificate holder's instructions, conventional good building practice and this Certificate.
- 12.2 Where wood preservatives and damp-proofing treatments containing solvents have been applied, sufficient time must be allowed for solvents to disperse before the membranes are installed.
- 12.3 Surfaces to which the membranes are being adhered must be sound, dry, frost-free, smooth and free from dust, silicone and grease.
- 12.4 The membranes are installed with the printed side facing the installer on the warm side of the insulation.
- 12.5 It is recommended internal lining should be set on spacer battens, leaving a minimum gap of 25 mm behind the lining to accommodate wiring and other services and reduce the need for penetrations of the AVCL.

#### 13 Procedure

- 13.1 The membranes are rolled out either horizontally or vertically on the warm side of the insulation, as far as possible without creasing, and stapled to the timber studs/rafters/joists. On rafter line and wall applications, installing horizontally normally leads to less waste.
- 13.2 Corrosion-resistant staples should be a minimum of 10 mm wide and 8 mm long and located between 100 and 150 mm apart when used in conjunction with insulation boards, and from 50 and 100 mm when blown insulation is used.
- 13.3 Adjacent membranes are overlapped by 100 mm. Joints in the membranes, sealing to other materials and detailing are carried out as described in sections 13.8 to 13.11.
- 13.4 Where required, cross battens are installed at 500 mm spacings to support the weight of the insulation. Internal linings are applied and fixed to the cross battens, as in normal practice.

#### Suspended floors

- 13.5 The membranes are rolled out loose over the floor insulation with adjacent membranes overlapped by 100 mm.
- 13.6 Joints in the membranes, sealing to other materials and detailing are carried out as described in sections 13.8 to 13.11.
- 13.7 The screed or floorboards are applied over the membranes as in normal practice.

#### Jointing, sealing and detailing

- 13.8 Overlaps are sealed without strain or load using Tescon No 1, Tescon Vana or Uni Tape. Creases in the overlap area must be cut off and sealed. The tape is placed centrally over the edge of the overlap and pressed down firmly.
- 13.9 Sealing to other construction material is carried out in accordance with the Certificate holder's installation instructions, using the appropriate tape or adhesive. In cases of doubt, the advice of the Certificate holder or his UK representative should be sought.
- 13.10 Penetrations through the membranes must be sealed. A range of EPDM grommets is available for sealing around pipes and cables. When a service void is not available behind dry lining, services such as sockets are sealed using Instaa-box.
- 13.11 The sealing of corners is achieved by the use of Tescon Profil. The tape has either a two- or three-part release paper allowing a single part of the adhesive to be exposed at a time during installation process.
- 13.12 It is recommended by the Certificate holder that installations of the Pro Clima Intelligent Airtight System are tested for airtightness on completion of work using the Pro Clima Wincon testing device.

#### 14 Repair

Damage to the membranes must be repaired with Uni Tape XL or Uni Tape Patch. Extensively damaged areas are made good by overlaying a new sheet and sealing as described in section 13.8.

## **Technical Investigations**

#### 15 Tests

- 15.1 An assessment was made of test data in relation to:
- thickness
- mass per unit area
- · tensile strength and elongation

- nail tear
- water vapour transmission properties
- water vapour transmission properties after ageing
- reaction to fire
- air permeability.

#### 15.2 Tests were carried out to determine:

- dimensional stability
- air permeability of joints
- water vapour transmission properties at various temperature and humidity conditions.

## 16 Investigations

16.1 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.

16.2 Calculations on the risks of interstitial condensation occurring in various constructions, temperatures and humidity conditions were carried out.

## **Bibliography**

BRE Report BR 262: 2002 Thermal insulation: avoiding risks

BS 5250: 2021 Management of moisture in buildings - Code of Practice

BS EN 15026: 2007 Hygrothermal performance of building components and building elements — Assessment of moisture transfer by numerical simulation

EN 13501-1: 2018 Fire classification of construction products and building elements — Classification using test data from reaction to fire tests

EAD 030271-00-0605 Humidity-dependent vapour control layers

#### **Conditions of Certification**

#### 17 Conditions

#### 17.1 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.

17.2 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.

17.3 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.

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

17.5 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.

17.6 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.