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Agrément Certificate  
**11/4836**  
Product Sheet 1

### KRYPTON CHEMICAL ROOF WATERPROOFING SYSTEM

### IMPERMAX 25 ROOF WATERPROOFING SYSTEM

This Agrément Certificate Product Sheet<sup>(1)</sup> relates to the Impermax 25 Roof Waterproofing System, a liquid-applied polyurethane membrane for use as a waterproofing layer on flat or pitched roofs with limited access and for waterproofing balconies, terraces and podiums.

(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 system will resist the passage of moisture into a building (see section 6).

**Properties in relation to fire** — the system will enable a roof to be unrestricted under the Building Regulations (see section 7).

**Adhesion** — the system will resist the effects of any likely wind suction acting on the roof (see section 8).

**Resistance to foot traffic** — the system will accept the limited foot traffic and loads associated with installation and maintenance (see section 9).

**Durability** — under normal service conditions the system will provide a durable roof waterproofing with a service life in excess of 25 years (see section 11).



The BBA has awarded this Certificate to the company named above for the system described herein. This system has been assessed by the BBA as being fit for its intended use provided it is installed, used and maintained as set out in this Certificate.

On behalf of the British Board of Agrément

A handwritten signature in black ink, appearing to read 'John Albon'.

Date of Third issue: 12 February 2015

John Albon — Head of Approvals

A handwritten signature in black ink, appearing to read 'Claire Curtis-Thomas'.

Originally certificated on 25 May 2011

Construction Products

Claire Curtis-Thomas  
Chief Executive

*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](http://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.*

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# Regulations

In the opinion of the BBA, the Impermax 25 Roof Waterproofing System, 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)

<b>Requirement:</b> B4(2)	<b>External fire spread</b>
<b>Comment:</b>	On a suitable substructure, the system will enable a roof to be unrestricted under this Requirement. See section 7 of this Certificate.
<b>Requirement:</b> C2(b)	<b>Resistance to moisture</b>
<b>Comment:</b>	The system will enable a roof to meet this Requirement. See section 6.1 of this Certificate.
<b>Regulation:</b> 7	<b>Materials and workmanship</b>
<b>Comment:</b>	The system is acceptable. See section 11 and the <i>Installation</i> part of this Certificate.



## The Building (Scotland) Regulations 2004 (as amended)

<b>Regulation:</b> 8(1)(2)	<b>Durability, workmanship and fitness of materials</b>
<b>Comment:</b>	The use of the system satisfies the requirements of this Regulation. See sections 10 and 11 and the <i>Installation</i> part of this Certificate.
<b>Regulation:</b> 9	<b>Building standards applicable to construction</b>
<b>Standard:</b> 2.8	<b>Spread from neighbouring buildings</b>
<b>Comment:</b>	The system, when applied to a suitable substructure, is regarded as having a low vulnerability and will enable a roof to be unrestricted under this Standard, with reference to clause 2.8.1 <sup>(1)(2)</sup> . See section 7 of this Certificate.
<b>Standard:</b> 3.10	<b>Precipitation</b>
<b>Comment:</b>	The system will enable a roof to satisfy the requirements of this Standard, with reference to clauses 3.10.1 <sup>(1)(2)</sup> and 3.10.7 <sup>(1)(2)</sup> . See section 6.1 of this Certificate.
<b>Standard:</b> 7.1(a)	<b>Statement of sustainability</b>
<b>Comment:</b>	The system 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.
<b>Regulation:</b> 12	<b>Building standards applicable to conversions</b>
<b>Comment:</b>	Comments made in relation to the system 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 Building Regulations (Northern Ireland) 2012

<b>Regulation:</b> 23(a)(b)(i)	<b>Fitness of materials and workmanship</b>
<b>Comment:</b>	The system is acceptable. See section 11 and the <i>Installation</i> part of this Certificate.
<b>Regulation:</b> 28(b)	<b>Resistance to moisture and weather</b>
<b>Comment:</b>	The system will enable a roof to meet the requirements of this Regulation. See section 6.1 of this Certificate.
<b>Regulation:</b> 36(b)	<b>External fire spread</b>
<b>Comment:</b>	On suitable substructures, the use of the system will enable a roof to be unrestricted under the requirements of this Regulation. See section 7 of this Certificate.

## Construction (Design and Management) Regulations 2007

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

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

See sections: 3 *Delivery and site handling* (3.1 and 3.3) and 13 *Precautions* of this Certificate.

# Additional Information

## NHBC Standards 2014

NHBC accepts the use of the Impermax 25 Roof Waterproofing System, provided it is installed, used and maintained in accordance with this Certificate, in relation to *NHBC Standards*, Chapters 7.1 *Flat Roofs and balconies* and 7.2 *Pitched roofs*.

## CE marking

The Certificate holder has taken the responsibility of CE marking the system in accordance with ETA-06/0263 and ETAG 005. 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 The Impermax 25 Roof Waterproofing System is built up by applying the following components on site:

- Impermax — a one-component, polyurethane, liquid-applied waterproofing membrane available in black, light grey (similar to RAL 7001), dark grey (similar to RAL 7011), dark red and tile red
- Impermax QC — a one-component, polyurethane, liquid-applied 'Quick Cure' variant of Impermax waterproofing membrane, available in black, light grey (similar to RAL 7001), dark grey (similar to RAL 7011), dark red and tile red, and with a typical curing time of 2.5 hours at 14°C >85% RH and 4 hours at 7°C >50% RH
- PUR Cat additive — a catalyst for mixing into the Impermax or Impermax QC waterproofing membrane to reduce the curing time. The catalyst must not be used at temperatures above 20°C
- Reinforcement Fabric — a polyester reinforcement fabric with a nominal weight  $\geq 80 \text{ g}\cdot\text{m}^{-2}$  for embedding into the Impermax or Impermax QC waterproofing membrane over existing cracks, at upstands and other changes of plane
- Humidity Primer — a two-component primer for use on concrete surfaces where the moisture content of the concrete is greater than 4%
- Thixotropy additive — an additive mixed into the Impermax or Impermax QC waterproofing membrane component when used at upstands.

1.2 The system is the subject of ETA-06/0263, issued by Instituto de Ciencias Construcción Eduardo Toroja, in accordance with ETAG 005, Edition 2000, Part 1 *General* and Part 6 *Specific Stipulations for Kits Based on Polyurethane*. The levels of use categories are:

categorisation by working life	W3 (25 years)*
categorisation by climatic zone	(severe)
categorisation by imposed loads	P3
categorisation by roof slope	S1 to S4 (<5% to >30% of roof slope)
categorisation by surface temperature (°C):	
— lowest temperature	TL3 (-20)
— highest temperature	TH4 (+90)
reaction to fire	class F.

1.3 Other materials available for use with the system, but outside the scope of the Certificate, are:

- Rayston PU Solvent — a general-purpose cleaning solvent and diluent viscosity modifier. When blended at a maximum addition rate of 10% with Impermax or Impermax QC, the mixture may be used as a sealer/primer on porous substrates
- Porosity Sealer — a single-component primer for use over porous substrates
- PU Primer — a one-component primer for use on a range of substrates including glass and steel
- Impertrans — a single-component, soft, flexible, UV-resistant decorative and protective coating for application over Impermax waterproofing membrane
- Colodur — a single-component, firm, flexible, UV-resistant decorative and protective coating for application over Impermax and Impermax QC waterproofing membranes
- Super-accelerant PU — a curing agent mixed into the Impermax waterproofing membrane for use when a fast 'cure-through' is required.

## 2 Manufacture

2.1 The components of the system are manufactured by a batch blending process.

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 components of the system are manufactured by the Certificate holder in Spain and marketed in the UK by Krypton Chemicals UK Ltd, 960 Capability Green, Luton, LU1 3PE, tel: 07970 455050, e-mail: enquiries@kryptonchemicals.co.uk, website: www.kryptonchemicals.co.uk

### 3 Delivery and site handling

3.1 The liquid components of the system are delivered to site in sealed containers with labels bearing the manufacturer's name, product description and the appropriate hazard and risk labels (see section 3.3). They have a storage life of 12 months and are available in the pack sizes given in Table 1.

Component	Pack sizes (kg)
Impermax	5, 10, 19.5 and 25
Impermax QC	5, 10, 19.5 and 25
PUR Cat additive	1
Humidity Primer (Parts A + B)	5, 10 and 20
Thixotropy additive	1
Rayston PU solvent	4, 9 and 20
PU Primer	4, 9 and 20
Porosity Sealer	4 and 20
Impertrans	4, 9 and 20
Colodur	4 and 20
Super Accelerant PU	1.5
Reinforcement Fabric 80 (0.3 x 100m)	2.4
Reinforcement Fabric 80 (1.5 x 150m)	18

3.2 All containers must be stored under cover in a cool, dry, ventilated location away from other chemicals and any source of ignition. Storage temperatures should preferably be below 20°C with all materials protected from sub-zero temperatures and direct sunlight. Each container carries a label bearing the manufacturer's name, product name and health and safety information. Rolls of reinforcement fabric should be stored flat in a dry, clean environment and protected from moisture. The Certificate holder's product data sheets should be consulted for details.

3.3 The components are classified under *The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (CHIP4)/Classification, Labelling and Packaging of Substances and Mixtures (CLP Regulation) 2009* and all containers bear the appropriate hazard warning label. Flashpoints and hazard classifications are given in Table 2.

Component	Flashpoint (°C)	Classification
Impermax waterproofing membrane	>54	Harmful, Flammable <sup>(1)</sup>
Impermax QC	>45	Harmful, Flammable <sup>(1)</sup>
PUR Cat additive	25	Highly Flammable <sup>(1)</sup> , Harmful
Humidity Primer Part A	121	Harmful, Dangerous for the Environment
Humidity Primer Part B	>100	Irritant
Thixotropy additive	31	Flammable <sup>(1)</sup> , Harmful
Rayston PU solvent	27	Flammable <sup>(1)</sup> , Harmful
PU Primer	12	Flammable <sup>(1)</sup> , Harmful
Porosity Sealer	36	Flammable <sup>(1)</sup> , Harmful
Impertrans	40	Harmful
Colodur	36	Flammable <sup>(1)</sup> , Harmful
Super Accelerant PU	26	Harmful, Dangerous for the Environment

(1) These components must be stored in accordance with *The Dangerous Substances and Explosive Atmospheres Regulations 2002*.

## Assessment and Technical Investigations

The following is a summary of the assessment and technical investigations carried out on the Impermax 25 Roof Waterproofing System.

## Design Considerations

### 4 Use

4.1 The Impermax 25 Roof Waterproofing System is satisfactory for use as a fully-adhered, exposed waterproofing layer on flat and pitched roofs with limited access and, when fully protected, on pedestrian access roofs.

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

4.3 Limited access roofs are defined for the purpose of this Certificate as those subjected only to pedestrian traffic for maintenance of the roof covering, cleaning of gutters, etc. Where traffic in excess of this is envisaged, additional protection to the membrane must be provided (see sections 4.4 and 9).

4.4 Pedestrian access roofs are defined for the purpose of this Certificate as those suitable for foot traffic only, eg terraces, balconies and podium decks. Special precautions must be taken to protect the membrane when used in these areas (see section 9).

4.5 Decks to which the system is to be applied must comply with the relevant requirements of BS 6229 : 2003 and, where appropriate, *NHBC Standards*, Chapter 7.1 *Flat roofs and balconies*.

4.6 Imposed loads, dead loads and wind loadings are calculated in accordance with BS EN 1991-1-1 : 2002, BS EN 1991-1-3 : 2003, BS EN 1991-1-4 : 2005, and their respective National Annexes.

4.7 The adhesion of the system has been assessed as suitable on concrete, including damp concrete<sup>(1)</sup> substrates. Acceptable adhesion of the system to other substrates should be confirmed by test.

(1) Concrete with a humidity level  $\geq 4\%$  must be primed with Humidity Primer.

## 5 Practicability of installation

Installation of the system must only be carried out by installers who have been trained and approved by the Certificate holder.

## 6 Weathertightness



6.1 The system will adequately resist the passage of moisture into the building and will enable a roof to comply with the requirements of the national Building Regulations:

**England and Wales** — Approved Document C, Requirement C2(b)

**Scotland** — Regulation 9, Mandatory Standard 3.10

**Northern Ireland** — Regulation 28(b).

6.2 The system is impervious to water and will achieve a weathertight roof capable of accepting minor structural movement.

## 7 Properties in relation to fire



7.1 When tested in accordance with BS 476-3 : 2004, two coats of Impermax each applied at a coverage rate of  $1 \text{ kg}\cdot\text{m}^{-2}$  on an 18 mm thick WBP plywood substrate achieved an EXT.F.AC rating.

7.2 The designation of other specifications should be confirmed by:

**England and Wales** — test or assessment in accordance with Approved Document B (Volumes 1 and 2), Appendix A, clause A1

**Scotland** — test to conform to Mandatory Standard 2.8, clause 2.8.1

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

## 8 Adhesion

The adhesion of the system to concrete is sufficient to resist the effects of wind suction, thermal cycling or other minor structural movement likely to occur in service. Acceptable adhesion to other substrates should be confirmed by test.

## 9 Resistance to foot traffic

9.1 The system can accept the limited foot traffic and light concentrated loads associated with installation and maintenance. Where traffic in excess of this is envisaged, such as for maintenance of lift equipment, a walkway should be provided, for example, using concrete slabs supported on bearing pads. Reasonable care should be taken to avoid puncture by sharp objects or concentrated loads.

9.2 When used on pedestrian access roofs, the system must be fully protected (see section 14.8).

## 10 Maintenance



10.1 Installations must be the subject of annual inspections and maintenance to ensure continued performance.

10.2 Maintenance should include checks and operations to ensure that the membrane and drainage outlets are free from the build-up of silt and other debris, and that protection layers, eg walkways, are in good condition.

10.3 In the event of the system being contaminated by oil, grease or other chemicals, the advice of the Certificate holder must be sought.

10.4 Damage to the system must be repaired as soon as possible (see section 15).

## 11 Durability



Accelerated weathering tests and evidence from existing installations confirm that satisfactory retention of physical properties is achieved and indicate that, with adequate maintenance and repair, the system will have an expected service life of at least 25 years.

## Installation

### 12 General

12.1 Installation of the Impermax 25 Roof Waterproofing System must be in accordance with the relevant clauses of BS 8000-4 : 1989, BS 6229 : 2003, the Certificate holder's instructions and this Certificate.

12.2 Installation should not be carried out during inclement weather, eg rain, fog or snow, and the ambient temperature at the time of laying must be between 5°C and 35°C. Surfaces to be coated must be at least 3°C above the dew-point.

12.3 Substrates to which the system is to be applied must be sound, dry, clean and free from sharp projections such as nail heads and concrete nibs. The Certificate holder's advice should be sought for suitable cleaning procedures and the use of a proprietary surface cleaner/fungicidal wash.

12.4 Previously-coated areas must be checked for integrity and adequate adhesion to the substrate. Defects such as cracks and blisters must be repaired prior to application of the system in accordance with the Certificate holder's instructions.

12.5 Defects in the substrate (eg cracks) must be repaired, prior to application, in accordance with the Certificate holder's instructions. Cracks are treated with a reinforced Impermax coating layer consisting of a 300 mm strip of Reinforcement Fabric embedded in the Impermax or Impermax QC waterproofing membrane prior to the application of the main waterproofing layer.

12.6 Active joints must also be treated with a reinforced Impermax or Impermax QC coating layer, prior to the application of the main waterproofing layer, to ensure that the designed movement accommodation is maintained. The Certificate holder's advice should be sought for suitable specifications.

12.7 Substrates must be prepared and primed in accordance with the Certificate holder's instructions. Adhesion checks should be carried out to ensure that the system is fully compatible with the existing surfaces and to determine the necessity for a primer (see section 4.7).

12.8 The Certificate holder should be consulted on specifications for detailing around drains and other penetrations.

12.9 After use, all equipment must be cleaned with Rayston PU solvent. The Certificate holder's advice can be sought on the use of other cleaning products.

### 13 Precautions

13.1 Vapours from components of the system may cause sensitisation and irritation to the respiratory system, eyes and skin. The system must be used only in areas with sufficient ventilation to prevent the build-up of vapours. Contact with the skin, eyes and clothes must be avoided. The Certificate holder's material safety data sheets must be consulted for detailed information on the safe handling and use of the system components.

13.2 The system components must not be allowed to enter the waste drainage system.

13.3 The system can become slippery when wet. If additional slip resistance is required, the advice of the Certificate holder should be sought.

### 14 Procedure

14.1 Impermax or Impermax QC is mixed for at least two minutes using a slow-speed drill fitted with a suitable paddle stirrer, taking care to avoid excessive air entrainment and ensuring that any settlement occurring during storage is re-dispersed and the product is homogeneous.

14.2 Cracks and upstands must be treated with a reinforced Impermax or Impermax QC coating layer in accordance with the Certificate holder's instructions.

14.3 Where application to upstands or other steep slopes is required, Thixotropy additive is mixed into the Impermax or Impermax QC waterproofing coating at a rate of 1 kg of additive to 25 kg of coating.

14.4 Impermax or Impermax QC is applied by roller, squeegee or suitable airless spray machine in two coats each at a rate of 1 kg·m<sup>-2</sup> to achieve a minimum total application rate of 2 kg·m<sup>-2</sup> and a minimum total coating thickness of 1.6 mm. At least 24 hours should be allowed between coats of Impermax, and 1 to 4 hours between coats of Impermax QC.

14.5 When applied by roller, it is recommended that the membrane application is carried out in two or three coats to achieve the required application rate.

14.6 Following application, a spiked roller is used to eliminate air bubbles that form in the wet membrane.

14.7 A check must be made on the cured membrane for the presence of pinholes and missed areas. These are rectified by applying additional coats of membrane as necessary.

14.8 Where protection is required, eg when used on public access roofs, the fully cured system must be covered with a protective membrane prior to bedding suitable paving or tiles on a sand or mortar bed. The Certificate holder must be consulted for details.

## 15 Repair

15.1 Damage to the system must be repaired as soon as possible to ensure that the waterproofing integrity is maintained.

15.2 The system can be repaired by cutting back the damaged or de-bonded coating to sound, well-bonded material and reinstating it to the original specification ensuring an overlap of at least 30 mm onto the existing coating.

15.3 Areas of existing coating to be overlapped must be cleaned, dried and primed with PU Primer and allowed to fully dry for at least one hour prior to overcoating in accordance with the Certificate holder's instructions.

15.4 If repairs to the substrate are required, the Certificate holder's advice must be sought for suitable repair materials.

15.5 On completion, and when the coating has fully cured, the repair is inspected to ensure it is sound and well bonded to the existing coating.

## Technical Investigations

### 16 Tests

16.1 Tests on the Impermax 25 Roof Waterproofing System were carried out and the results assessed to determine:

- tensile strength and elongation
- water vapour resistance
- water absorption
- watertightness
- tensile bond strength on concrete, ceramic, polyurethane foam and day joints
- dynamic indentation
- static indentation
- resistance to fatigue cycling
- resistance to crack-bridging
- resistance to low temperatures
- resistance to high temperatures
- heat ageing at 80°C for 200 days
- resistance to UV ageing
- resistance to water exposure
- the effect of application temperatures
- wind uplift resistance before and after thermal shock.

16.2 Additional characterisation tests were carried out on the system and its component parts.

### 17 Investigations

17.1 An assessment was made of the test data relating to European Technical Approval ETA-06/0263, issued by IETcc.

17.2 An assessment was made of the system's fire roof exposure rating to BS 476-3 : 2004.

17.3 Visits were made to existing sites in Spain to assess the in-service performance of the system.

17.4 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.

## Bibliography

BS 476-3 : 2004 *Fire tests on building materials and structures — Classification and method of test for external fire exposure to roofs*

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

BS 8000-4 : 1989 *Workmanship on building sites — Code of practice for waterproofing*

BS EN 1991-1-1 : 2002 *Eurocode 1 — Actions on structures — General actions — Densities, self-weight, imposed loads for buildings*

NA to BS EN 1991-1-1 : 2002 *UK National Annex to Eurocode 1 — Actions on structures — General actions — Densities, self-weight, imposed loads for buildings*

BS EN 1991-1-3 : 2003 *Eurocode 1 — Actions on structures — General actions — Snow loads*

NA to BS EN 1991-1-3 : 2003 *UK National Annex to Eurocode 1 — Actions on structures — General actions — Snow loads*

## Conditions of Certification

### 18 Conditions

18.1 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.

18.2 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.

18.3 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.

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

18.5 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.

18.6 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.