Obex Protection Ltd
Unit 12, Horn Hill Road
Nunnery Park
Nunnery Way
Worcester WR4 0SX

Tel: 01905 337 800
e-mail: sales@obexuk.com
website: www.obexuk.com

Agrément Certificate
17/5396
Product Sheet 2 Issue 1

OBEX AIR AND WEATHERTIGHTNESS PRODUCTS

CORTEX 0500FR INTERFACE SEALING MEMBRANE SYSTEM (ISM)

This Agrément Certificate Product Sheet(1) relates to the CORTEX 0500FR Interface Sealing Membrane System (ISM), for use as airtight and weathertight seals around windows and doors (including door thresholds where standing water and/or hydrostatic pressure may be present), joints in sheathing boards and between sheathing boards and concrete frames.

(1) Hereinafter referred to as 'Certificate'.

The assessment includes

Product factors:

- compliance with Building Regulations
- compliance with additional regulatory or non-regulatory information where applicable
- evaluation against technical specifications
- assessment criteria and technical investigations
- uses and design considerations

Process factors:

- compliance with Scheme requirements
- installation, delivery, handling and storage
- production and quality controls
- maintenance and repair

Ongoing contractual Scheme elements†:

- regular assessment of production
- formal 3-yearly review

KEY FACTORS ASSESSED

Section 1. Mechanical resistance and stability
Section 2. Safety in case of fire
Section 3. Hygiene, health and the environment
Section 4. Safety and accessibility in use
Section 5. Protection against noise
Section 6. Energy economy and heat retention
Section 7. Sustainable use of natural resources
Section 8. Durability

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

Date of issue: 1 May 2025

Hardy Giesler
Chief Executive Officer

This BBA Agrément Certificate is issued under the BBA's Inspection Body accreditation to ISO/IEC 17020. Sections marked with † are not issued under accreditation.

The BBA is a UKAS accredited Inspection Body (No. 4345), Certification Body (No. 0113) and Testing Laboratory (No. 0357).

Readers MUST check that this is the latest issue of this Agrément Certificate by either referring to the BBA website or contacting the BBA directly.

The Certificate should be read in full as it may be misleading to read clauses in isolation.

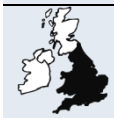
Any photographs are for illustrative purposes only, do not constitute advice and should not be relied upon.

SUMMARY OF ASSESSMENT AND COMPLIANCE

This section provides a summary of the assessment conclusions; readers should refer to the later sections of this Certificate for information about the assessments carried out.

Compliance with Regulations

Having assessed the key factors, the opinion of the BBA is that the CORTEX 0500FR Interface Sealing Membrane System (ISM), 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 Building Regulations 2010 (England and Wales) (as amended)

Requirement:	**B3(4)**	**External fire spread**
Comment:		The system can contribute to satisfying this Requirement. See section 2 of this Certificate.
Requirement:	**B4(1)**	**External fire spread**
Comment:		The use of the system may be unrestricted by this Requirement. See section 2 of this Certificate.
Requirement:	**C2(b)**	**Resistance to moisture**
Comment:		The system will contribute to satisfying this Requirement. See section 3 of this Certificate.
Requirement:	**L1(a)(i)**	**Conservation of fuel and power**
Comment:		The system can contribute to minimising heat loss at lintels, jambs and sills. See section 6 of this Certificate.
Regulation:	**7(1)**	**Materials and workmanship**
Comment:		The system is acceptable. See sections 8 and 9 of this Certificate.
Regulation:	**25B**	**Nearly zero-energy requirements for new buildings**
Regulation:	**26**	**CO_2 emission rates for new buildings**
Regulation:	**26A**	**Fabric energy efficiency rates for new dwellings (applicable to England only)**
Regulation:	**26A**	**Primary energy consumption rates for new buildings (applicable to Wales only)**
Regulation:	**26B**	**Fabric performance values for new dwellings (applicable to Wales only)**
Regulation:	**26C**	**Target primary energy rates for new buildings (applicable to England only)**
Regulation:	**26C**	**Minimum energy efficiency rating (applicable to Wales only)**
Comment:		The system can contribute to satisfying these Regulations. See section 6 of this Certificate.

The Building (Scotland) Regulations 2004 (as amended)

Regulation:	**8(1)**	**Fitness and durability of materials and workmanship**
Comment:		The use of the system can contribute to satisfying this Regulation. See sections 8 and 9 of this Certificate.
Regulation:	**9**	**Building standards - construction**
Standard:	2.4	Cavities
Comment:		The system can contribute to satisfying this Standard with respect to clause 2.4.2[(1)(2)]. See section 2 of this Certificate.
Standard:	3.10	Precipitation
Comment:		The system will resist the effects of driving rain and enable an installation to satisfy this Standard, with reference to clause 3.10.1[(1)(2)]. See section 3 of this Certificate.

Standard:	6.1(b)(c)	Energy demand
Standard:	6.2	Building insulation envelope
Comment:		The system can contribute to minimising heat loss at lintels, jambs and sills with reference to clauses 6.1.1(1), 6.1.2(2), 6.1.4(2), 6.2.4(1) and 6.2.5(2) of these Standards. See section 6 of this Certificate.
Standard:	7.1(a)(b)	Statement of sustainability
Comment:		The system 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 system can contribute to a construction meeting a higher level of sustainability as defined in this Standard, with reference to clauses 7.1.4(1), 7.1.6(1)(2), 7.1.7(1), 7.1.9(2 and 7.1.10(2). See section 6 of this Certificate.
Regulation:	**12**	**Building standards - conversion**
Comment:		Comments in relation to the system 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)**	**Fitness of materials and workmanship**
Comment:	**(iii)(b)(i)(ii)**	The system is acceptable. See sections 8 and 9 of this Certificate.
Regulation:	**28(b)**	**Resistance to moisture and weather**
Comment:		The system has adequate resistance to the ingress of rain and wind-driven spray and so can contribute towards the wall satisfying this Regulation. See section 3 of this Certificate.
Regulation:	**35(4)**	**Internal fire spread - structure**
Comment:		The system can contribute to satisfying this Regulation. See section 2 of this Certificate.
Regulation:	**36(a)**	**External fire spread**
Comment:		The system may be unrestricted by this Regulation. See section 2 of this Certificate.
Regulation:	**39(a)(i)**	**Conservation measures**
Regulation:	**40(2)**	**Target carbon dioxide emission rate**
Regulation:	**43(1)(2)**	**Renovation of thermal elements**
Regulation:	**43B**	**Nearly zero-energy requirements for new buildings**
Comment:		The system can contribute to minimising heat loss at lintels, jambs and sills. See section 6 of this Certificate.

Additional Information

NHBC Standards 2025

In the opinion of the BBA, the CORTEX 0500FR Interface Sealing Membrane System (ISM), 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 6.1 *External masonry walls*, 6.2 *External timber framed walls*, 6.7 *Doors, windows and glazing,* 6.9 *Curtain walling and cladding* and 6.10 *Light steel frame walls and floors.*

Fulfilment of Requirements

The BBA has judged the CORTEX 0500FR Interface Sealing Membrane System (ISM) to be satisfactory for use as described in this Certificate. The system has been assessed as weathertight and airtight seals around windows, doors (including door thresholds where standing water and/or hydrostatic pressure may be present), joints in sheathing boards and between sheathing boards and concrete frames.

ASSESSMENT

Product description and intended use

The Certificate holder provided the following description for the system under assessment. The CORTEX 0500FR Interface Sealing Membrane System (ISM) consists of:

- CORTEX 0500FR Class B Interface Sealing Membrane — a fire classified, polymeric unreinforced membrane for use as seals
- CORTEX 0901FR External Pre-Moulded Corner — a fire classified, prefabricated unit for detailing
- CORTEX 0771FR Class B Paste Adhesive — a fire classified adhesive for use in adhering CORTEX 0500FR Membrane to substrates
- CORTEX 0819FR Termination Bar — a pre-drilled aluminium profile for use in securing the header tape. The pre-drilled holes are spaced at 150 mm centres.

The membrane has the nominal characteristics given in Table 1.

Table 1 Nominal characteristics

CORTEX membrane grade	Thickness of membrane (mm)	Length (m)	Width (mm)	Mass per unit area ($kg \cdot m^{-2}$)
CORTEX 0500FR Class B Interface Sealing Membrane	0.50	20	50 to 1500	0.65

Ancillary Items

CORTEX 0787FR Class B Primer, for use in surface preparation of porous substrates prior to application of adhesive, is essential to use with the system and has been assessed with the system.

The Certificate holder recommends the following ancillary items for use with the system but these materials have not been assessed by the BBA and are outside the scope of this Certificate:

- CORTEX 0795 Cleaning Wash — for use in surface preparation
- air and vapour control layer (AVCL).

Applications

The system is intended for use on the following substrates:

- PVC-U
- wood
- aluminium
- galvanized steel
- concrete
- masonry
- cementitious renders
- cement particle board
- cement fibre board
- calcium silicate board
- polyethylene faced tanking membranes.

The system can be used in in the following specifications to provide weathertight and airtight seals:

- around windows, including punched hole windows that protrude from the backing wall and full height windows
- external doors
- linear horizontal and vertical joints between sheathing boards
- sheathing board and slab edge or column abutments.

The system may be subject to hydrostatic pressure, such as, full height windows, basement exterior doors and door thresholds subject to long term water exposure, including balconies, walkways, podiums and terraces..

Product assessment – key factors

The system was assessed for the following key factors, and the outcome of the assessments is shown below. Conclusions relating to the Building Regulations apply to the whole of the UK unless otherwise stated.

1 Mechanical resistance and stability

Not applicable.

2 Safety in case of fire

Data were assessed for the following characteristics.

2.1 Reaction to fire

2.1.1 The results of reaction to fire tests and classifications are given in Table 2.

Table 2 Reaction to fire

Product assessed	Assessment method	Requirement	Result
CORTEX 0500FR Class B Interface Sealing Membrane bonded to a 12.5 mm thick fibre cement board using CORTEX 0771FR Class B Paste Adhesive	Reaction to fire tested to BS EN ISO 11925-2 : 2020 and BS EN 13823 : 2020 and classified to BS EN 13501-1 : 2018	Classification achieved	Class B-s1,d0[(1)(2)]
CORTEX 0500FR Class B Interface Sealing Membrane stretched over a 25 mm air gap spacer on a 12 mm thick calcium silicate board			Class B-s1,d0[(3)(4)]
CORTEX 0771FR Class B Paste Adhesive, application rate 180 g·m^{-2}, on a 12 mm thick calcium silicate board			Class B-s1,d0[(4)(5)]
CORTEX 0787FR Class B Primer on a 12 mm thick calcium silicate board			Class B-s1,d0[(4)(6)]

(1) Classification Report reference 233-B, issued by System Laboratories UK LTD, copies is available from the Certificate holder on request.
(2) This classification applies only to the build-up as tested, with no air gap.
(3) Classification Report reference 27/05176B/10/19, issued by BTTG, copies available from the Certificate holder on request.
(4) This classification applies only to the build-up as tested.
(5) Classification Report reference 27/05186/10/19, issued by BTTG, copies available from the Certificate holder on request.
(6) Classification Report reference 27/05761/11/21, issued by BTTG, copies available from the Certificate holder on request.

2.1.2 On the basis of data assessed, the system, when used in the configurations given in Table 2, may be unrestricted in use by the documents supporting the national Building Regulations.

2.1.3 In England, Wales and Northern Ireland, the system, when used in the construction described in section 2.1.1, is unrestricted in terms of height and proximity to a relevant boundary.

2.1.4 The classification and permissible areas of use of other specifications must be confirmed by reference to the requirements of the documents supporting the national Building Regulations.

2.1.5 In Scotland, the use of the system is unrestricted in terms of height and proximity to a relevant boundary. However, restrictions on the overall construction may apply, depending on the reaction to fire classification achieved by the complete system, which must be established on a case-by-case basis.

2.1.6 Designers must refer to the relevant national Building Regulations and guidance for detailed conditions of use, particularly in respect of requirements for substrate fire performance, cavity barriers, service penetrations and combustibility limitations for other materials and components used in the overall construction.

3 Hygiene, health and the environment

Data were assessed for the following characteristics.

3.1 Weathertightness

3.1.1 Results of weathertightness tests are given in Table 3.

Table 3 Weathertightness

Product assessed	Assessment method	Requirement	Result
CORTEX 0500FR Class B Interface Sealing Membrane using CORTEX 0771FR Class BPaste Adhesive	Watertightness to BS EN 1027 : 2000	≥ 600 Pa	Pass
CORTEX 0500FR Class B Interface Sealing Membrane	Resistance to water pressure to BS EN 1928 : 2000 Method A	No leakage	Pass
CORTEX 0500FR Class B Interface Sealing Membrane jointed to self-adhesive polyethylene tanking membrane using CORTEX 0771FR Class B Paste Adhesive	6 m head 24 hours		Pass
CORTEX 0500FR Class B Interface Sealing Membrane jointed to self-adhesive polyethylene tanking membrane using CORTEX 0771FR Class B Paste Adhesive	Shear resistance of joints to BS EN 12317 : 2010	≥ 50 N·(50 mm)$^{-1}$	Pass
CORTEX 0500FR Class B Interface Sealing Membrane jointed to self-adhesive polyethylene tanking membrane using CORTEX 0771FR Class B Paste Adhesive	Peel resistance of joints to BS EN 12316-2 : 2013	≥ 25 N·(50 mm)$^{-1}$	Pass
CORTEX 0500FR Class B Interface Sealing Membrane jointed to self-adhesive polyethylene tanking membrane using CORTEX 0771FR Class B Paste Adhesive	Resistance to leakage at joints to MOAT 27 : 5.2.1 1983	No leakage at 10 kPa	Pass
CORTEX 0500FR Class B Interface Sealing Membrane using CORTEX 0771FR Class B Paste Adhesive bonded to	Resistance to peel from the support to MOAT 64 : 4.3.3 : 2001	≥ 25 N·(50 mm)$^{-1}$	
- aluminium			Pass
- concrete			Pass

3.1.2 The resistance to peel from substrates, for PVC-U and wood, was assessed using test data from representative related system.

3.1.3 On the basis of data assessed, the system will resist the passage of water, wind-driven rain and dust into the interior of a building.

3.1.4 The system satisfies the Class 9A requirements of BS EN 12208 : 2000.

3.2 Resistance to mechanical damage

3.2.1 Results of resistance to mechanical damage tests are given in Table 4.

Table 4 Resistance to mechanical damage

Product assessed	Assessment method	Requirement	Result
CORTEX 0500FR Class B Interface Sealing Membrane	Nail tear to BS EN 12310-1 : 2000(1)	Value achieved	
Longitudinal direction			234 N
Transverse direction			299 N
CORTEX 0500FR Class B Interface Sealing Membrane	Tensile strength to BS EN 12311-2 : 2013, Method A	Value achieved	
Longitudinal direction			2114 N·(50 mm)$^{-1}$
Transverse direction			2165 N·(50 mm)$^{-1}$
CORTEX 0500FR Class B Interface Sealing Membrane	Elongation at maximum force to BS EN 12311-2 : 2013, Method A	Value achieved	
Longitudinal direction			28%
Transverse direction			33%

(1) With modifications in accordance with BS EN 13859-2 : 2014, Annex B.

3.2.2 On the basis of data assessed, the system is suitably robust and will not be damaged during installation provided that reasonable care is taken.

4 Safety and accessibility in use

Not applicable.

5 Protection against noise

Not applicable.

6 Energy economy and heat retention

Data were assessed for the following characteristics.

6.1 Conservation of fuel and power

6.1.1 The result of an airtightness test is given in Table 5.

Table 5 Airtightness

Product assessed	Assessment method	Requirement	Result
CORTEX 0500FR Class B Interface Sealing Membrane using CORTEX 0771FR Class B Paste Adhesive	Airtightness to BS EN 1026 : 2000	600 Pa	Pass

6.1.2 The system is an air barrier and, when installed correctly, can contribute to junctions, minimising heat loss by unplanned air infiltration. The air infiltration classification according to BS EN 12207 : 2016 for suitable windows used in combination with the systems components will be Class 4. Guidance documents in this respect are found in the documents supporting the national Building Regulations.

6.1.3 When used and installed in accordance with this Certificate and the Certificate holder's instructions, the system can contribute towards an exterior building envelope satisfying a minimum air leakage of less than 1 $m^3 \cdot hr^{-1} \cdot m^{-2}$ at 50 Pa, and also less than 0.6 air change per hour at 50 Pa for passive houses.

7 Sustainable use of natural resources

Not applicable.

8 Durability

8.1 The potential mechanisms for degradation and the known performance characteristics of the materials in the system were assessed.

8.2 Specific test data were assessed as given in Table 6.

Table 6 Durability

Product assessed	Assessment method	Requirement	Result
CORTEX 0500FR Class B Interface Sealing Membrane jointed to self-adhesive polyethylene tanking membrane using CORTEX 0771FR Class B Paste Adhesive	Watertightness to BS EN 1928 : 2000, Method A 6 m head 24 hours Water exposure for 56 days at 23°C	No leakage	Pass
CORTEX 0500FR Class B Interface Sealing Membrane	Aged to BS EN 13859-2 : 2010 Annex C		Pass
CORTEX 0500FR Class B Interface Sealing Membrane	Nail tear to BS EN 12310-1 : 2000(1) heat aged for 56 days at 70°C	Value achieved	
Longitudinal direction			252 N
Transverse direction			272 N
CORTEX 0500FR Class B Interface Sealing Membrane	Tensile strength to BS EN 12311-2 : 2013, Method A	Value achieved	
Longitudinal direction	heat aged for 84 days at 70°C		2006 N·(50 mm)$^{-1}$
Transverse direction	followed by 336 hours UVA at 50°C		1723 N·(50 mm)$^{-1}$
CORTEX 0500FR Class B Interface Sealing Membrane	Elongation at maximum force to BS EN 12311-2 : 2013, Method A	Value achieved	
Longitudinal direction	heat aged for 84 days at 70°C		24%
Transverse direction	followed by 336 hours UVA at 50°C		26%
CORTEX 0500FR Class B Interface Sealing Membrane jointed to self-adhesive polyethylene tanking membrane using CORTEX 0771FR Class B Paste Adhesive	Shear resistance of joints to BS EN 12317 : 2010 Water exposure for 56 days at 23°C	≥ 50 N·(50 mm)$^{-1}$	Pass
CORTEX 0500FR Class B Interface Sealing Membrane jointed to self-adhesive polyethylene tanking membrane using CORTEX 0771FR Class B Paste Adhesive	Resistance to leakage at joints to MOAT 27 : 5.2.1 1983 Water exposure for 56 days at 23°C	No leakage at 10 kPa	Pass
CORTEX 0500FR Class B Interface Sealing Membrane using CORTEX 0771FR Class B Paste Adhesive bonded to	Resistance to peel from the support to MOAT 64 : 4.3.3 : 2001 Water exposure for 56 days at 23°C	≥ 25 N·(50 mm)$^{-1}$	
- aluminium			Pass
- concrete			Pass

(1) With modifications in accordance with BS EN 13859-2 : 2014, Annex B.

8.3 Service life

Under normal service conditions, the system will have a life at least equivalent to the frame in which it is incorporated, provided it is designed, installed and maintained in accordance with this Certificate and the Certificate holder's instructions.

PROCESS ASSESSMENT

Information provided by the Certificate holder was assessed for the following factors:

9 Design, installation, workmanship and maintenance

9.1 Design

9.1.1 The design process was assessed by the BBA and the following requirements apply in order to satisfy the performance assessed in this Certificate.

9.1.2 The risk of interstitial condensation will depend on the construction and must be assessed for each project.

9.1.3 The system will not adversely affect the risk of interstial condensation, provided it is used in conjunction with a suitable AVCL.

9.2 Installation

9.2.1 Installation instructions provided by the Certificate holder were assessed and judged to be appropriate and adequate.

9.2.2 Installation must be carried out in accordance with this Certificate and the Certificate holder's instructions. A summary of instructions and guidance are provided in Annex A of this Certificate.

9.2.3 When using bonded components, substrates must be clean, dry and free of loose material prior to the installation of the component, to ensure an effective adhesive bond.

9.2.4 Application of the adhesive must be carried out between temperatures of 5 to 40°C.

9.2.5 On porous substrates, such as brick or concrete, the minimum width of bonded membrane surrounding the frame is 100 mm. For non-porous substrates, the recommended width is approximately 20 to 30 mm. The head detail for all substrates is a minimum 100 mm overlap onto the substrate.

9.2.6 Where it is proposed that installation on porous substrates is to take place without priming, bond testing must be carried out to ascertain whether a sufficient bond is achievable. Failure to meet the required bond strength will require that the substrate is primed.

9.2.7 Where priming is required, the total substrate area to which the membrane is to be applied is coated using CORTEX 0787FR Class B Primer applied at a rate of 5 $m^{-2} \cdot l^{-1}$, ensuring a full even coverage, without excess primer. The applied primer is left until touch dry, in normal conditions approximately 10 minutes, prior to application of the adhesive. In cases of doubt the Certificate holder must be consulted, such advice is outside the scope of the Certificate.

9.2.8 Irrespective of installation method, the membrane must be tension free once installed.

9.2.9 Bonding of the membrane is achieved by using CORTEX 0771FR Class B Paste Adhesive. The Certificate holder's recommendations on compatibility of the adhesive with other building materials must be followed and in cases of doubt the Certificate holder should be consulted, such advice is outside the scope of the Certificate.

9.2.10 The adhesive is applied to the frame and surrounding area to which the membrane is to be bonded using an application gun and spread evenly over the substrates. The membrane is applied and rolled with a silicone or similar suitable roller to ensure the maximum bond.

9.2.11 Where required, CORTEX 0901FR External Fire-Rated Corner is installed using the CORTEX 0771FR Class B Paste Adhesive.

9.2.12 The edges of the membrane and corner units are sealed using a bead of CORTEX 0771FR Class B Paste Adhesive. The adhesive is spread to ensure that the membranes and corner units have no open edges.

9.2.13 The external cladding is installed once the system installation is completed.

9.3 Workmanship

Practicability of installation was assessed by the BBA on the basis of the Certificate holder's information. To achieve the performance described in this Certificate, installation of the system must be carried out by a trained, competent general builder experienced with this type of system.

9.4 Maintenance and repair

9.4.1 As the system is confined within the final construction and has suitable durability, maintenance is not required.

9.4.2 Any damage to the system must be repaired as soon as possible, and before the installation of the outer facade. The system may be repaired by applying a patch of membrane over the damaged area. In case of doubt, advice on a suitable repair method should be sought from the Certificate holder, but such advice is outside the scope of this Certificate.

10 Manufacture

10.1 The production processes for the system have been assessed, and provide assurance that the quality controls are satisfactory according to the following factors:

10.1.1 The manufacturer has provided documented information on the materials, processes, testing and control factors.

10.1.2 The quality control operated over batches of incoming materials has been assessed and deemed appropriate and adequate.

10.1.3 The quality control procedures and product testing to be undertaken have been assessed and deemed appropriate and adequate.

10.1.4 The process for management of non-conformities has been assessed and deemed appropriate and adequate.

10.1.5 An audit of each production location was undertaken, and it was confirmed that the production process was in accordance with the documented process, and that equipment has been properly tested and calibrated.

† 10.2 The BBA has undertaken to review 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.

11 Delivery and site handling

11.1 The Certificate holder stated that the membrane components are delivered to site in packaging bearing the product code, product description, product name, production date and batch number. The inner and outer packaging bears the BBA logo incorporating the number of this Certificate.

11.2 The non-membrane products are packaged as shown in Table 7. The packaging bears the product code, product description, product name, production date, batch number and the BBA logo incorporating the number of this Certificate.

Table 7 Packaging for non-membrane products

Product	Packaging	Unit type	Unit size	Number of units per pack
CORTEX 0819FR Termination Bar	—	Length of profile	12.7 mm x 3.17 mm by 2 m	1
CORTEX 0901FR External Fire-Rated Corner	Box	—	—	40
CORTEX 0771FR Class B Paste Adhesive	Box	Foil cartridge	600 ml	12

11.3 Delivery and site handing must be performed in accordance with the Certificate holder's instructions and this Certificate, including:

11.3.1 All components must be stored undercover on a dry, even surface.

†ANNEX A – SUPPLEMENTARY INFORMATION

Supporting information in this Annex is relevant to the system but has not formed part of the material assessed for the 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.

CLP Regulations

The Certificate holder has taken the responsibility of classifying and labelling the components under the *GB CLP Regulation* and *CLP Regulation (EC) No 1272/2008 - classification, labelling and packaging of substances and mixtures*. Users must refer to the relevant Safety Data Sheet(s).

Additional information on installation

A.1 When using the wider membranes, it may be necessary to temporarily fix the membrane until the adhesive is sufficiently cured to maintain the membrane in position.

A.2 When bonding the membrane to the frames offsite, CORTEX 0819FR Termination Bar can be used to mechanically fix the membrane in place.

A.3 The upper edge of the termination bar is sealed using a bead of paste adhesive at a 45° angle. The adhesive is tooled off to ensure a watertight seal.

Bibliography

BS EN 1026 : 2000 *Windows and doors — Air permeability — Test method*

BS EN 1027 : 2000 *Windows and doors — Watertightness — Test method*

BS EN 1928 : 2000 *Flexible sheets for waterproofing — Bitumen, plastic and rubber sheets for roof waterproofing – Determination of watertightness*

BS EN 12207 : 2016 *Windows and doors — Air permeability — Classification*

BS EN 12208 : 2000 *Windows and doors — Watertightness — Classification*

BS EN 12310-1 : 2000 *Flexible sheets for waterproofing – determination of resistance to tearing (nail shank) – Part 1: Bitumen sheets for roof waterproofing*

BS EN 12311-2 : 2013 *Flexible sheets for waterproofing — Determination of tensile properties — Plastic and rubber sheets for roof waterproofing*

BS EN 12316-2 : 2013 *Flexible sheets for waterproofing — Determination of peel resistance of joints — Plastic and rubber sheets for roof waterproofing*

BS EN 12317 : 2010 *Flexible sheets for waterproofing — Determination of shear resistance of joints — Plastic and rubber sheets for roof waterproofing*

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

BS EN 13823 : 2020 *Reaction to fire tests for building products — Building products excluding floorings exposed to the thermal attack by a single burning item*

BS EN 13859-2 : 2010 *Flexible sheets for waterproofing — Definitions and characteristics of underlays — Part 2: Underlays for walls*

BS EN 13859-2 : 2014 *Flexible sheets for waterproofing — Definitions and characteristics of underlays — Part 2: Underlays for walls*

BS EN ISO 11925-2 : 2020 *Reaction to fire tests — Ignitability of products subjected to direct impingement of flame — Single-flame source test*

MOAT 27 : 1983 *General directive for the assessment of roof waterproofing systems.*

MOAT 64 : 2001 *UEAtc Technical Guide for the for the Assessment of Roof Waterproofing Systems made of Reinforced APP or SBS Polymer Modified Bitumen Sheets*

Conditions

1 This Certificate:

- relates only to the product 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
- and any matter arising out of or in connection with it or its subject matter (including non-contractual disputes or claims) is governed by and construed in accordance with the law of England and Wales
- the courts of England and Wales shall have exclusive jurisdiction to settle any matter arising out of or in connection with this Certificate or its subject matter (including non-contractual disputes or claims).

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.

3 This Certificate will be displayed on the BBA website, and the Certificate Holder is entitled to use the Certificate and Certificate logo, provided that the product 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.

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

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

6 Any information relating to the manufacture, supply, installation, use, maintenance and removal of this product which is contained or referred to in this Certificate is the minimum required to be met when the product 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.

British Board of Agrément
1st Floor, Building 3, Hatters Lane
Croxley Park, Watford
Herts WD18 8YG
tel: 01923 665300
clientservices@bbacerts.co.uk
www.bbacerts.co.uk