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BAW-25-404-P-A-UK
BDA Agrément®
OBEX Cortex 0240FR RapidTray and OBEX Cortex 0241FR RapidTray Damp-Proof Course and Cavity Tray

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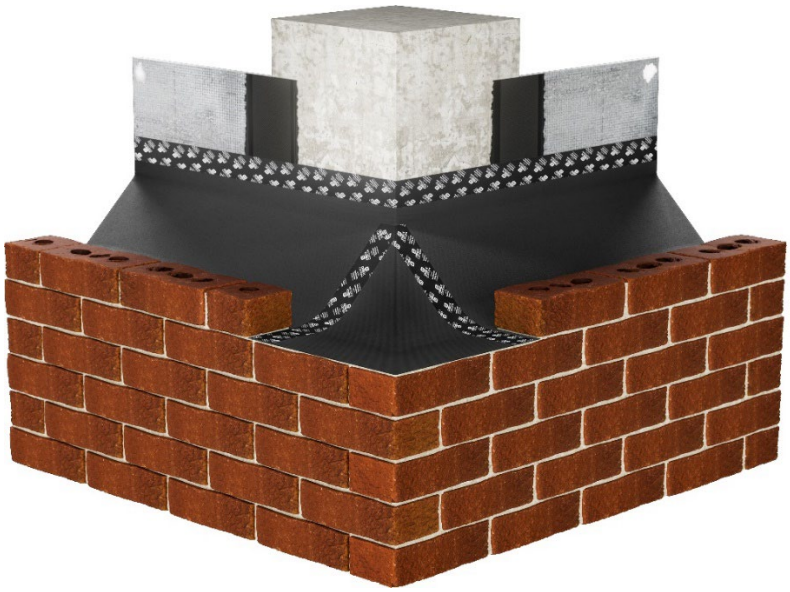
SCOPE OF AGRÉMENT

This BDA Agrément® (hereinafter 'Agrément') relates to OBEX Cortex 0240FR RapidTray and OBEX Cortex 0241FR RapidTray (hereinafter the 'Product'). The Product is a flexible strip for use as a damp-proof course (hereinafter 'DPC') and cavity tray in external cavity walls of masonry, light gauge steel frame (hereinafter 'LGSF') or structural timber frame (hereinafter 'STF') constructions with a brickwork outer leaf. The Product is for new residential and non-residential buildings.

DESCRIPTION

The Product is a flexible, composite strip of woven glass-fibre, polymer coating, silicon adhesive layer, and a film liner, manufactured in accordance with BS EN 14909. The OBEX Cortex 0241FR RapidTray includes a stainless-steel fixing strip, mounted along the length of the top side of the Product with double-sided jointing tape. The Products' overlaps are bonded using double-sided jointing tape and sealed using single-sided sealing tape. Multiple ancillary items are available to aid and ease installation.

ILLUSTRATION



THIRD-PARTY ACCEPTANCE

See Section 3.3 (Third-Party Acceptance).

STATEMENT

It is the opinion of Kiwa Ltd. that the Product is safe and fit for its intended use, provided it is specified, installed and used in accordance with this Agrément.

Craig Devine
Operations Manager, Building Products

Alpheo Mlotha CEng FIMMM MBA
Business Unit Manager, Building Products

SUMMARY OF AGRÉMENT

This document provides independent information to specifiers, specialists, engineers, building control personnel, contractors, installers and other construction industry professionals who are considering the safety and fitness for purpose of the Product. This Agrément covers the following:

- Conditions of use;
- Production Control, Quality Management System and the Annual Verification Procedure;
- Product components and ancillary items, points of attention for the Specifier and examples of details;
- Installation;
- Independently assessed Product characteristics and other information;
- Compliance with national Building Regulations, other regulatory requirements and Third-Party Acceptance, as appropriate;
- Sources.

MAJOR POINTS OF ASSESSMENT

Moisture control - see Section 2.2.7 - the Product, including lap joints, when used as a:

- DPC provides an effective barrier to the passage of rising damp when subject to hydrostatic pressure up to and including 2 kPa;
- cavity tray provides an effective barrier to the passage of water in the form of precipitation.

Strength - see Section 2.2.8 - the Product has adequate performance in respect of:

- resistance to damage caused by impact and static loading;
- tensile strength;
- resistance to tearing.

Fire performance - see Section 2.2.9 - the Product is classified as European Classification A2-s1, d0, in accordance with BS EN 13501-1.

Durability - see Section 2.2.10 - the Product shall have a service life durability equivalent to that of the building into which it is incorporated.

UKCA, UKNI and CE marking - see Section 2.2.11 - the Agrément holder has responsibility for conformity marking, in accordance with all relevant British and European Product Standards.

CONTENTS

1 GENERAL CONSIDERATIONS

1.1 CONDITIONS OF USE

1.1.1 Limitations

This Agrément has been prepared in accordance with the mandatory requirements defined in the relevant Kiwa Technical Requirement. Some information in this Agrément is provided for guidance or reference purposes only; this information falls outside the scope of the Technical Requirement.

1.1.2 Application

The assessment of the Product relates to its use in accordance with this Agrément and the Agrément holder's requirements.

1.1.3 Assessment

Kiwa Ltd. has assessed the Product in combination with relevant test reports, technical literature, the Agrément holder's quality plan, DoPs and site visit, as appropriate.

1.1.4 Installation supervision

The quality of installation and workmanship shall be controlled by a competent person who shall be an employee of the installation company (hereinafter 'Installer').

The Product shall be installed strictly in accordance with the instructions of the Agrément holder and the requirements of this Agrément.

1.1.5 Geographical scope

The validity of this document is limited to England, Wales, Scotland and Northern Ireland, with due regard to Section 3 of this Agrément (CDM, national Building Regulations and Third-Party Acceptance).

1.1.6 Validity

The purpose of this Agrément is to provide well-founded confidence to apply the Product within the scope described. The validity of this Agrément is as published on www.kiwa.co.uk/bda.

1.2 PRODUCTION CONTROL AND QUALITY MANAGEMENT SYSTEM

Kiwa Ltd. has conducted an audit of the Agrément holder and determined that they fulfil all their obligations in relation to this Agrément in respect of the Product.

The initial audit demonstrated that the Agrément holder has a satisfactory Quality Management System (QMS) and is committed to continuously improving their quality plan. Document control and record-keeping procedures were deemed satisfactory. A detailed Production Quality Specification (PQS) has been compiled to ensure traceability and compliance under the terms of this Agrément.

1.3 ANNUAL VERIFICATION PROCEDURE - CONTINUOUS SURVEILLANCE

To demonstrate that the Product conforms with the requirements of the technical specification described in this Agrément, an Annual Verification Procedure has been agreed with the Agrément holder in respect of continuous surveillance and assessment, and auditing of the Agrément holder's QMS.

2 TECHNICAL ASSESSMENT

This Agrément does not constitute a design guide for the Product. It is intended only as an assessment of safety and fitness for purpose.

2.1 PRODUCT COMPONENTS AND ANCILLARY ITEMS

2.1.1 Components included within the scope of this Agrément

The components listed in Table 1 below are integral to the use of the Product.

Table 1 - Integral components

Product	Description	Specifications
OBEX Cortex 0240FR RapidTray	black (top face) and white (bottom face), flexible, composite strip of woven glass-fibre, polymer coating, silicon adhesive layer and film liner	0.4 mm thick, 20 m long available in widths from 50 to 1,500 mm weight 0.52 kg/m^2 (± 10 %)
OBEX Cortex 0241FR RapidTray	OBEX Cortex 0240FR RapidTray incorporating a stainless-steel fixing strip with pre-drilled holes, mounted during production	fixing strip 0.4 mm thick, 19 mm wide by 20 m long, incorporating 6 mm diameter centrally aligned holes at 150 mm centres
OBEX Cortex 0244FR RapidTray DPC Sealing Tape	black coloured, single-sided, water-based acrylic adhesive and reinforcing scrim with PE film liner, for sealing the top edges, joints and overlaps of the Product	0.3 mm thick, 75 mm wide by 25 m long
OBEX Cortex 0245FR RapidTray DPC Double Sided Jointing Tape	white/translucent, double-sided, water-based acrylic adhesive with reinforcing scrim, for bonding the Product's overlaps	0.24 mm thick, 50mm wide by 100 m long

The following ancillary components are used in conjunction with the Product:

- OBEX Cortex 0242FR RapidTray DPC External Pre-formed Corner;
- OBEX Cortex 0242FR RapidTray DPC External Pre-formed Corner XL;
- OBEX Cortex 0243FR RapidTray DPC Internal Pre-formed Corner;
- OBEX Cortex 0243FR RapidTray DPC Internal Pre-formed Corner XL.

2.1.2 Ancillary items falling outside the scope of this Agrément

- supporting wall;
- weepholes;
- mechanical fixings;
- sheathing board;
- insulation;
- silicone roller;
- drilling equipment;
- cutting tools.

2.2 POINTS OF ATTENTION TO THE SPECIFIER

2.2.1 Design

2.2.1.1 Design responsibility

A Specifier may undertake a project-specific design, in which case it is recommended that the Specifier co-operates closely with the Agrément holder. The Specifier or Installer is responsible for the final as-built design.

2.2.1.2 Basis of design

The characteristics detailed in the section titled 'Major Points of Assessment' shall be considered during the use of the Product.

2.2.1.3 General design considerations

The Product can act as a Type A DPC, in accordance with BS EN 14909.

Installation of the Product shall be in accordance with the principles and guidance detailed in PD 6697 and BS 8215.

Masonry supporting walls shall be designed in accordance with BS EN 1996-1-1, BS EN 1996-2 and PD 6697.

LGSF supporting walls shall be designed in accordance with BS EN 1993-1-1 and BS EN 1993-1-3; the steel structure shall be not less than 1.2 mm thick with a minimum of 50 mm flanges.

STF supporting walls shall be designed in accordance with BS EN 1995-1-1, BS EN 14081-1 and PD 6693-1; the timber structure shall not be less than 37 mm thick with a minimum width of 72 mm.

The Product shall be installed with 50 mm minimum lapped joints.

2.2.1.4 Project-specific design considerations

The project-specific design shall:

- be determined by the Specifier;
- take into account the requirements of the relevant national Building Regulations - see Section 3.2;

- take into account the service life durability required - see Section 2.2.10.

No pre-installation survey is required.

2.2.2 Applied building physics (heat, air, moisture)
A Specialist shall check the hygrothermal behaviour of a project-specific design incorporating the Product and, if necessary, offer advice on improvements to achieve the final specification. The Specialist can be either a qualified employee of the Agrément holder or a suitably qualified consultant (in which case it is recommended that the Specialist co-operates closely with the Agrément holder).

2.2.3 Permitted applications
Only applications designed according to the specifications given in this Agrément are permitted. In each case, the Specifier and Installer shall co-operate closely with the Agrément holder.

2.2.4 Installer competence level
The Product shall be installed strictly in accordance with the instructions of the Agrément holder and the requirements of this Agrément.

Installation can be undertaken by competent persons experienced in this type of work.

2.2.5 Delivery, storage and site handling
The Product is delivered in suitable packaging bearing relevant identification information (such as the Product name, production identification date or batch number, the Agrément holder's name, etc.) and, where applicable, the BDA Agrément® logo incorporating the number of this Agrément.

Prior to installation, the Product shall be stored in accordance with the Agrément holder's requirements, kept dry with boxes or pallets protected from weather by plastic sheeting or similar. Good housekeeping protocols shall be followed to avoid damage.

2.2.6 Maintenance and repair
Once installed, the Product:
- is not susceptible to damage from environmental conditions normally encountered in the UK;
- does not require regular maintenance. For advice in respect of repair, consult the Agrément holder.

Performance factors in relation to the Major Points of Assessment

2.2.7 Moisture control
When used as a:
- DPC, the Product, including lap joints, has adequate watertightness under positive hydrostatic pressure to provide a barrier to the passage of rising damp from the ground into the internal environment, in accordance with BS EN 1928;
- cavity tray, the Product, including lap joints, acts as a barrier to the passage of water in the form of precipitation. Any water collecting in the cavity owing to rainwater or condensation shall be discharged through weepholes or evaporate from the outer skin.

2.2.8 Strength
The Product has adequate:
- resistance to:
  - impact, in accordance with BS EN 12691;
  - static loading, in accordance with BS EN 12730;
  - tearing (nail shank), in accordance with BS EN 12310-1;
  - shear of joints, in accordance with BS EN 12317-2;
- tensile stress and elongation properties, in accordance with BS EN 12311-2.

The Product is unlikely to be impaired by normally occurring movements of the wall, up to the point where the wall itself is deemed to have failed.

The Product remains flexible at low temperatures, in accordance with BS EN 495-5.

A masonry wall incorporating the Product has adequate characteristic:
- shear strength in accordance with BS EN 1052-4;
- flexural strength in accordance with DD 86-1.

2.2.9 Fire performance
The Product is classified as European Classification A2-s1, d0, in accordance with BS EN 13501-1.

For detailed conditions of use regarding requirements for supporting wall fire performance, cavity closers and barriers, fire stopping of service penetrations and combustibility limitations for other materials (including thermal insulation and cladding) used in the overall wall construction, Specifiers shall refer to the relevant national Building Regulations.

2.2.10 Durability
The Product shall have a service life durability equivalent to that of the building into which it is incorporated. The expected lifespan of the building itself shall be at least 60 years.

Once installed, the Product is not susceptible to damage from environmental conditions normally encountered in the UK.

2.2.11 UKCA, UKNI and CE marking
The British and European standard for the Product is BS EN 14909.

2.3 EXAMPLES OF TYPICAL DETAILS

Diagram 1 - Typical damp-proof course installation detail

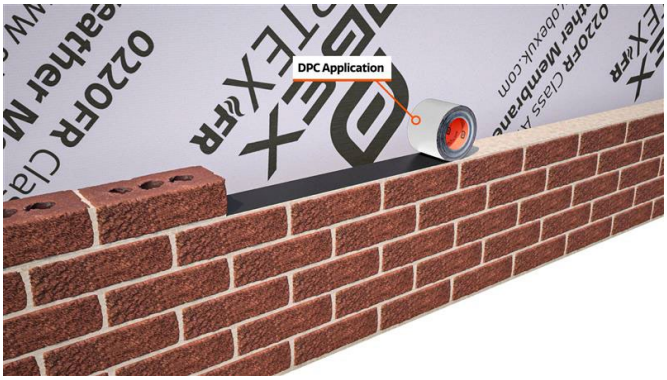


Diagram 2 - Typical cavity tray installation detail

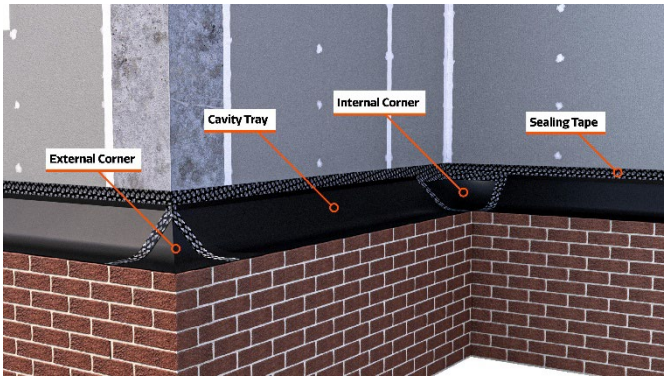


Diagram 3 - Cavity tray external corner installation detail (1)

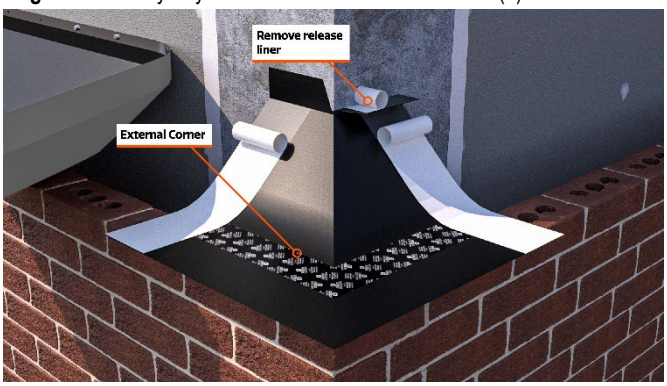


Diagram 4 - Cavity tray external corner installation detail (2)

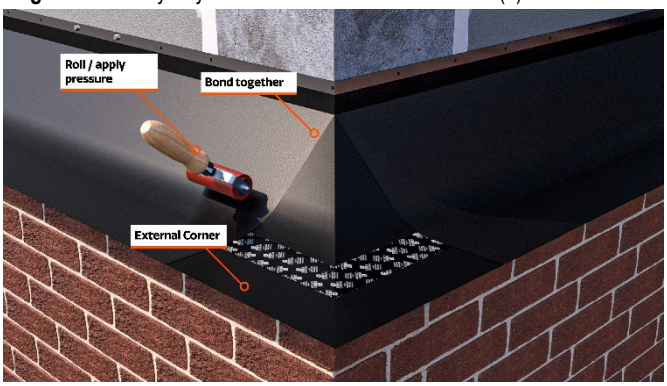
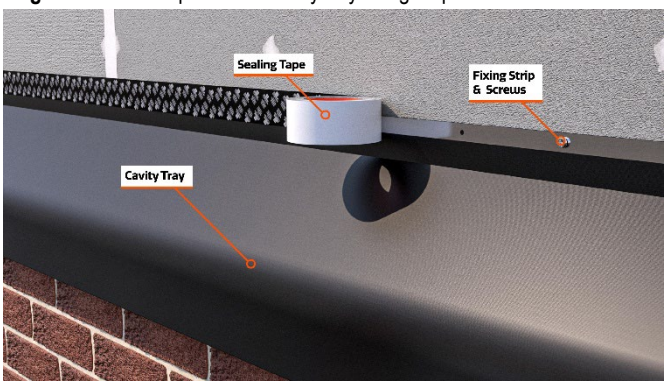


Diagram 5 - Close up detail of cavity tray fixing strip



2.4 INSTALLATION

The Product shall be installed strictly in accordance with the instructions (hereinafter 'Installation Manual') of the Agrément holder, the requirements of this Agrément and the requirements of BS 8000-0.

2.4.1 Project-specific installation considerations

No pre-installation survey is required.

2.4.2 Preparation

The following considerations apply before starting the work:

- masonry supporting walls shall be constructed in accordance with the relevant Standards and national Building Regulation - see Section 2.2.1;
- location of openings and penetrations which may have a bearing on installation of the Product;
- all relevant surfaces shall be clean and dry prior to installing the Product;
- the use of preformed corner units to simplify junctions and corners;
- do not apply the Product or ancillary items if the ambient temperature is below 5 °C.

No specific works need to be undertaken before the installation of the Product.

2.4.3 Outline installation procedure

Detailed installation procedures can be found in the Agrément holder's Installation Manual.

The outline procedure is as follows:

Application as DPC (OBEX Cortex 0240FR RapidTray)

- construct the outer masonry leaf up to the DPC level (150 mm minimum height from ground level);
- apply an even bed of fresh mortar and completely fill any perforations in adjacent courses of masonry;
- install the Product onto the mortar, extending the Product through the full thickness of the masonry wall (including pointing, applied rendering or other facing materials);
- lap joints shall be 100 mm wide, bonded together with Double-Sided Jointing Tape, ensuring that the entire width of the joints is adequately sealed using Single-Sided Jointing Tape;
- lay a fresh bed of mortar over the Product and at least one course of masonry as soon as possible.

Application as cavity tray

- lay the brickwork to 200 mm below the first specified height of cavity tray;
- draw a line 200 mm above the brickwork;
- roll out the Product and cut to the required length using snips and a knife or membrane shears;
  OBEX Cortex 0240FR RapidTray
- when the wall comprises two skins of masonry, both sides of Cavity Tray are bedded into the mortar joint;
  OBEX Cortex 0241FR RapidTray
- position the Product horizontally to the inner leaf of the wall with the mounted fixing strip on the upper side;
- fix the Product to the inner leaf of the wall through the pre-drilled holes using appropriate fixings at a maximum of 600 mm centres;
  OBEX Cortex 0240FR RapidTray and OBEX Cortex 0241FR RapidTray
  lap joints shall be 100 mm wide minimum, bonded together with Double-Sided Jointing Tape, ensuring that the entire width of the joints is adequately sealed using Single-Sided Jointing Tape;
- for external corner installation:
  - fold the Product around the corner and cut down starting 50 mm from the top; creasing the metal strip can aid with this;
  - install the External Pre-formed Corner unit and remove the adhesive strip release liner;
  - fold the Product back over the corner piece and apply pressure using a silicone roller to bond the two pieces together;
- for internal corner installation:
  - cut down the Product in the corner, starting 50 mm from the top; then cut the width of the cavity on both sides;
  - install the Internal Pre-formed Corner unit and remove the adhesive strip release liner;
  - fold the Product back over the internal corner piece and apply pressure using a silicone roller to bond the two pieces together;
- seal all joints and the top edge of the Product with OBEX Cortex 0244FR RapidTray DPC Sealing Tape;
- set the lower edge of the Product over the current brickwork, placing a few loose bricks on top to hold it in place;
- trim off any excess membrane using a knife;
- apply a fresh bed of mortar over the brickwork, laying the Product over it;
- apply a second bed of mortar and continue laying the next course of masonry, installing the weepholes at 900 mm centers on a cavity tray run or at 450 mm centres over windows and doors;
- keep the Product clean during installation to avoid blocking the weepholes;
- where required, create a stop end by turning the end of the Product upwards;
- continue building the wall as necessary.

2.4.4 Finishing

No finishing is required on completion of the installation.

2.5 INDEPENDENTLY ASSESSED PRODUCT CHARACTERISTICS

2.5.1 Moisture control

Test		Standard	Result
Watertightness at 2 kPa	Plain membrane	BS EN 1928 Method A	Pass, watertight
	Jointed membrane^		
	After heat ageing of plain membrane to BS EN 1296		
	After chemical ageing of plain membrane to BS EN 1847 (alkali)		
Waterflow test	Jointed membrane^	Internal method^^	Pass
Water vapour transmission	Water vapour resistance factor μ	BS EN 1931 Method B	27,009
	Water vapour diffusion equivalent air layer thickness S_d		10.8 m

^ using OBEX Cortex 0245FR RapidTray DPC Double Sided Jointing Tape for the joint and OBEX Cortex 0244FR RapidTray DPC Sealing Tape
^^ lab method based on EAD 360005-00-0604 - 1 hour sprayed directly on the cavity tray

2.5.2 Strength

Test			Standard	Result
Tensile strength and elongation	Tensile stress (mean)	Machine direction	BS EN 12311-2 Method B	8,445 N/50 mm
		Cross direction		5,025 N/50 mm
	Elongation at break	Machine direction		5 %
		Cross direction		5 %
Resistance to tearing (nail shank)			BS EN 12310-1	156 N
Shear strength of joints^ (mean)	Control		BS EN 12317-2	611.11 N/50 mm
	After heat ageing to BS EN 1296			526.02 N/50 mm
Characteristic initial shear strength of masonry wall incorporating the Product			BS EN 1052-4	0.11 N/mm²
Characteristic flexural strength of masonry wall incorporating the Product			DD 86-1	0.02 N/mm²
Impact resistance			BS EN 12691 Method B	No damage at 1 m drop height
Static load resistance			BS EN 12730	20 kg
Foldability at low temperature			BS EN 495-5	No visible cracks or fractures at -20 °C

^ using OBEX Cortex 0245FR RapidTray DPC Double Sided Jointing Tape

2.5.3 Fire performance

Test		Standard	Result
Reaction to fire	Plain membrane	BS EN 13501-1	A2-s1, d0

3 CDM, NATIONAL BUILDING REGULATIONS AND THIRD-PARTY ACCEPTANCE

3.1 THE CONSTRUCTION (DESIGN AND MANAGEMENT) REGULATIONS 2015 AND THE CONSTRUCTION (DESIGN AND MANAGEMENT) REGULATIONS (NORTHERN IRELAND) 2016

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

3.2 THE NATIONAL BUILDING REGULATIONS

In the opinion of Kiwa Ltd., the Product, if installed and used in accordance with Section 2 of this Agrément, can satisfy or contribute to satisfying the relevant requirements of the following national Building Regulations.

This Agrément shall not be construed to confer the compliance of any project-specific design with the national Building Regulations.

3.2.1 England

The Building Regulations 2010 and subsequent amendments

- B4(1) External fire spread - the Product can adequately resist the spread of fire over walls and from one building to another
- C2(a) Resistance to moisture - a wall incorporating the Product, when used as a DPC, can adequately protect a building from ground moisture
- C2(b) Resistance to moisture - a wall incorporating the Product, when used as a cavity tray, can resist precipitation and satisfy this Requirement
- C2(c) Resistance to moisture - the Product is not a barrier to water vapour and will not adversely affect interstitial condensation
- Regulation 7(1) Materials and workmanship - the Product is manufactured from suitably safe and durable materials for the application and can be installed to give a satisfactory performance

3.2.2 Wales

The Building Regulations 2010 and subsequent amendments

- B4(1) External fire spread - the Product can adequately resist the spread of fire over walls and from one building to another
- C2(a) Resistance to moisture - a wall incorporating the Product, when used as a DPC, can adequately protect a building from ground moisture
- C2(b) Resistance to moisture - a wall incorporating the Product, when used as a cavity tray, can resist precipitation and satisfy this Requirement
- C2(c) Resistance to moisture - the Product is not a barrier to water vapour and will not adversely affect interstitial condensation
- Regulation 7(1) Materials and workmanship - the Product is manufactured from suitably safe and durable materials for the application and can be installed to give a satisfactory performance

3.2.3 Scotland

The Building (Scotland) Regulations 2004 and subsequent amendments

3.2.3.1 Regulation 8(1) Durability, workmanship and fitness of materials

- The Product is manufactured from acceptable materials and is adequately resistant to deterioration and wear under normal service conditions

3.2.3.2 Regulation 9: Building Standards - Construction

- 2.7 Spread on external walls - the Product can adequately resist the spread of fire
- 3.4 Moisture from the ground - the Product, when used as a DPC, will resist moisture penetration from the ground
- 3.10 Precipitation - the Product, when used as a cavity tray, will adequately resist moisture from precipitation penetrating to the inner face of a building
- 3.15 Condensation - the Product is not a barrier to water vapour and will not adversely affect interstitial condensation

3.2.3.3 Regulation 12: Building Standards - Conversions

- All comments given under Regulation 9 also apply to this Regulation, with reference to Schedule 6 of The Building (Scotland) Regulations 2004 and subsequent amendments, and clause 0.12 of the Technical Handbook (Domestic) and clause 0.12 of the Technical Handbook (Non-Domestic)

3.2.4 Northern Ireland

The Building Regulations (Northern Ireland) 2012 and subsequent amendments

- 23(1)Fitness of materials and workmanship - the Product is manufactured from materials which are suitably safe and acceptable
- 28 Resistance to moisture and weather - a wall incorporating the Product can contribute to adequately protecting a building from the passage of moisture from the ground (when used as a DPC) and from the weather (when used as a cavity tray)
- 29 Condensation - the Product is not a barrier to water vapour and will not adversely affect interstitial condensation
- 36 External fire spread - the Product can adequately resist the spread of fire over walls and from one building to another

3.3 THIRD-PARTY ACCEPTANCE

In the opinion of Kiwa Ltd. if installed, used, and maintained in accordance with this Agrément, this Product can satisfy the appropriate structural, fire, moisture, thermal, acoustic and durability requirements of a Structural Warranty provider. Please contact the relevant Structural Warranty provider to ascertain their project specific design requirements and to confirm their acceptance on a case-by-case basis.

4 SOURCES

- BS EN ISO 9001:2015+A1:2024 Quality management systems. Requirements
- BS EN 495-5:2013 Flexible sheets for waterproofing. Determination of foldability at low temperature. Plastic and rubber sheets for roof waterproofing
- BS EN 1052-4:2000 Methods of test for masonry. Determination of shear strength including damp proof course
- BS EN 1296:2001 Flexible sheets for waterproofing. Bitumen, plastic and rubber sheets for roofing. Method of artificial ageing by long term exposure to elevated temperature
- BS EN 1847:2009 Flexible sheets for waterproofing. Plastics and rubber sheets for roof waterproofing. Methods for exposure to liquid chemicals, including water
- BS EN 1928:2000 Flexible sheets for waterproofing. Bitumen, plastic and rubber sheets for roof waterproofing. Determination of watertightness
- BS EN 1931:2000 Flexible sheets for waterproofing. Bitumen, plastic and rubber sheets for roof waterproofing. Determination of water vapour transmission properties
- BS EN 1993-1-1:2005+A1:2014 Eurocode 3. Design of steel structures. General rules and rules for buildings
- NA+A1:2014 to BS EN 1993-1-1:2005+A1:2014 UK National Annex to Eurocode 3. Design of steel structures. General rules and rules for buildings
- BS EN 1993-1-3:2006 Eurocode 3. Design of steel structures. General rules. Supplementary rules for cold-formed members and sheeting
- NA to BS EN 1993-1-3:2006 UK National Annex to Eurocode 3. Design of steel structures. General rules. Supplementary rules for cold-formed members and sheeting
- BS EN 1995-1-1:2004+A2:2014 Eurocode 5: Design of timber structures. General. Common rules and rules for buildings
- NA to BS EN 1995-1-1:2004+A2:2014 UK National Annex to Eurocode 5: Design of timber structures. General. Common rules and rules for buildings
- BS EN 1996-1-1:2005+A1:2012 Eurocode 6. Design of masonry structures. General rules for reinforced and unreinforced masonry structures
- NA to BS EN 1996-1-1:2005+A1:2012 UK National Annex to Eurocode 6. Design of masonry structures - General rules for reinforced and unreinforced masonry structures
- BS EN 1996-2:2006 Eurocode 6. Design of masonry structures. Design considerations, selection of materials and execution of masonry
- NA to BS EN 1996-2:2006 UK National Annex to Eurocode 6. Design of masonry structures. Design considerations, selection of materials and execution of masonry
- BS EN 12310-1:2000 Flexible sheets for waterproofing. Determination of resistance to tearing (nail shank). 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 12317-2:2010 Flexible sheets for waterproofing. Determination of shear resistance of joints. Plastic and rubber sheets for roof waterproofing
- BS EN 12691:2018 Flexible sheets for waterproofing. Bitumen, plastic and rubber sheets for roof waterproofing. Determination of resistance to impact
- BS EN 12730:2015 Flexible sheets for waterproofing. Bitumen, plastic and rubber sheets for roof waterproofing. Determination of resistance to static loading
- BS EN 13501-1:2018 Fire classification of construction products and building elements. Classification using data from reaction to fire tests
- BS EN 14081-1:2016+A1:2019 Timber structures. Strength graded structural timber with rectangular cross section. General requirements
- BS EN 14909:2012 Flexible sheets for waterproofing. Plastic and rubber damp proof courses. Definitions and characteristics
- BS 8000-0:2014+A1:2024 Workmanship on construction sites. Introduction and general principles
- BS 8215:1991 Code of practice for design and installation of damp-proof courses in masonry construction
- DD 86-1:1983 Damp-proof courses. Methods of test for flexural bond strength and short term shear strength
- EAD 360005-00-0604:2016 Cavity trays
- PD 6693-1:2025 Recommendations for the design of timber structures to Eurocode 5: Design of timber structures - General. Common rules and rules for buildings
- PD 6697:2019 Recommendations for the design of masonry structures to BS EN 1996-1-1 and BS EN 1996-2

Remark - Apart from these sources, technical information and confidential reports have been assessed; any relevant documents are in the possession of Kiwa Ltd. and are kept in the Technical Assessment File of this Agrément. The Installation Manual for the Product may be subject to change; contact the Agrément holder for the clarification of revisions.

5 AMENDMENT HISTORY

Revision	Amendment description	Author	Approver	Date
-	First issue	A Tsourlini	C Devine	October 2025

6 CONDITIONS OF USE

This Agrément may only be reproduced and distributed in its entirety.

Where a National Annex exists in respect of a BS EN (or other) standard, its use is deemed mandatory wherever the original standard is referenced.

Kiwa Ltd. has used due skill, care and attention in the preparation of this BDA Agrément®.

Whilst all due diligence has been used, no liability or warranty is extended by Kiwa Ltd.

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