## Max Frank Ltd

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Agrément Certificate 16/5345 Product Sheet 1

## MAX FRANK EGCOBOX CANTILEVER CONNECTION SYSTEM

## **EGCOBOX CANTILEVER CONNECTION SYSTEM**

This Agrément Certificate Product Sheet<sup>(1)</sup> relates to the Egcobox Cantilever Connection System, for use in reinforced concrete structures to form a thermal break between the balcony and the internal floor, while transferring load and maintaining full structural integrity.

(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**

**Structural aspects** — the system has adequate strength to resist the loads associated with permanent loading (see section 6).

Thermal performance — the system can contribute to limiting heat loss at junctions by minimising bridging of the wall insulation (see section 7).

**Behaviour in relation to fire** — the system, with either the fire protection plates incorporated in the products or the use of mineral wool as the insulation core, will provide up to 120 minutes' fire resistance (see section 9).

Durability — under the normal service conditions the system will have a service life of at least 60 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

Date of First issue: 17 August 2016

BCChamberlain

Brian Chamberlain

Head of Technical Excellence

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

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

British Board of Agrément Bucknalls Lane Watford Herts WD25 9BA tel: 01923 665300 fax: 01923 665301 clientservices@bba.star.co.uk www.bbacerts.co.uk

# Regulations

In the opinion of the BBA, the Egcobox Cantilever Connection 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)

Requirement: A1 Loading

Comment: The system has sufficient strength and stiffness to sustain and transmit the design loads in accordance with

sections 6.1 to 6.6 of this Certificate.

Requirement: B3(1) Internal fire spread (structure)

Comment: The system, with either the fire protection plates incorporated or the use of mineral wool as the insulation

core, will provide up to 120 minutes' fire resistance. See section 9.3 of this Certificate.

Requirement: L1(a)(i) Conservation of fuel and power

Comment: The system can contribute to meeting this Requirement. See sections 7.1 and 7.2 of this Certificate.

Regulation: 7 Materials and workmanship

Comment: The system is acceptable. See section 11 and the *Installation* part of this Certificate.

Regulation: 26 CO<sub>2</sub> 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)

Comment: Compensating fabric/services measures may be required. See sections 7.1 and 7.2 of this Certificate.

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

Regulation: 8(1)(2) Durability, workmanship and fitness of materials

Comment: The system complies with the requirements of this Regulation. See sections 10 and 11 and the *Installation* 

part of this Certificate.

Regulation: 9 Building standards applicable to construction

Standard: 1.1(a)(b) Structure

Comment: The system, when incorporated in reinforced concrete walls and floors, has sufficient strength and stiffness

to sustain and transmit the design loads in accordance with sections 6.1 to 6.6 of this Certificate, with

reference to clauses  $1.1.1^{(1)(2)}$  to  $1.1.3^{(1)(2)}$ .

Standard: 2.3 Structural protection

Comment: Either the fire protection plates or the use of mineral wool as the insulation core will provide up to 120 minutes'

fire resistance (medium), with reference to clauses 2.3.1(1)(2) to 2.3.3(1)(2). See section 9.3 of this Certificate.

Standard: 6.1(b) Carbon dioxide emissions

Comment: Compensating fabric/services measures may be required. See sections 7.1 and 7.2 of this Certificate.

Standard: 6.2 Building insulation envelope

Comment: The system can contribute meeting this Standard, with reference to clauses 6.2.3<sup>[1]</sup> and 6.2.5<sup>[2]</sup>. See

sections 7.1 and 7.2 of this Certificate.

Standard: 7.1 Statement of sustainability

Comment: 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.

Regulation: 12 Building standards applicable to conversions

Comment: All comments given for 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).

Technical Handbook (Domestic).
 Technical Handbook (Non-Domestic)

# 3

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

Regulation: 23(a)(i) Fitness of materials and workmanship

Comment: The system is acceptable. See section 11 and the *Installation* part of this Certificate.

Regulation: 30 Stability

Comment: The system has sufficient strength and stiffness to sustain and transmit the design loads in accordance with

sections 6.1 to 6.6 of this Certificate.

Regulation: 35(1) Internal fire spread — Structure

Comment: Either the fire protection plates incorporated in the system or the use of mineral wool as the insulation core

will provide up to 120 minutes' fire resistance. See section 9.3 of this Certificate.

Regulation: 39(a)(i) Conservation measures

Comment: The system can contribute to meeting this Regulation. See sections 7.1 and 7.2 of this Certificate.

Regulation: 40(2) Target carbon dioxide emission rate

Comment: Compensating fabric/services measures may be required. See sections 7.1 and 7.2 of this Certificate.

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

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

See section:

3 Delivery and site handling of this Certificate.

# Additional Information

## NHBC Standards 2016

NHBC accepts the use of the Egcobox Cantilever Connection System, provided it is installed, used and maintained in accordance with this Certificate, in relation to NHBC Standards, Chapter 7.1, Flat roofs and balconies.

# **Technical Specification**

# 1 Description

1.1 The Egcobox Cantilever Connection System consists of a range of prefabricated assemblies incorporating steel reinforcing bars, steel plates and insulation products that allow full transfer of load from an external balcony into the main structure, whilst providing a thermal break to reduce heat loss to the outside. The range of units is described in Table 1 and illustrated in Figure 1.

Table 1 Range of units		
Unit designation	Type of element	Depth of connection (mm)
Cantilevering Balconies		
Egcobox MM/MXL	Element to transfer shear force and bending moments	160 – 280
Egcobox MM-F/M-FXL	Element to transfer bending moments and shear force into a semi pre-cast balcony (split unit in two parts), design similar to an MM/MXL unit	160 – 280
Egcobox MM-Eck/MXL-Eck	Corner element to transfer shear force and bending moments	160 – 280
Egcobox MM-HV/MXL-HV	Element to transfer shear force and bending moments for stepped slab connections	160 – 280
Egcobox MM-BH/MXL-BH	Element to transfer shear force and bending moments for stepped slab connections	160 – 280
Egcobox MM-WU/MXL-WU	Element to transfer shear force and bending moments for balcony to wall connections	160 – 280
Egcobox MM-WO/MXL-WO	Element to transfer shear force and bending moments for balcony to wall connections	160 – 280
Supported Balconies		
Egcobox VM/VXL	Shear force element to transfer shear forces only	160 – 280
Egcobox VM-K/VXL-K	Short length shear force element to transfer shear forces only	160 – 280
Egcobox VM Z-K/VXL Z-K	Short length shear force element to transfer shear forces only without compression bars	160 – 280
Egcobox VM±/VXL±	Shear force element to transfer positive and negative shear forces	160 – 280
Egcobox VM-K±/VXL-K±	Short length shear force element to transfer positive and negative shear forces	160 – 280
Egcobox MM±/MXL±	Element for changing loads to transfer positive and negative shear force and bending moments	160 – 280
Parapet wall, console supports		
Egcobox AS	Element for parapet walls (vertical connection)	150 – 280
Egcobox AXL	Element for parapet walls (vertical connection)	140 – 250
Egcobox FS	Element for parapet walls (horizontal connection)	160 – 280
Egcobox FXL	Element for parapet walls (horizontal connection)	160 – 250
Egcobox OS	Element for cantilevered brackets or corbels	180 – 250
Egcobox OXL	Element for cantilevered brackets or corbels	180 – 250
Further standard elements		
Egcobox M-S/M-SXL	Element for cantilevered beam	400 - 500(1)
Egcobox M-W/M-WXL	Element for cantilevered shear walls	1500 - 3500(1)
Egcobox MM-MODULE VH/NH/VNH	Short length element for slab connections to transfer positive and negative shear force and bending moments	160 – 280
Egcobox MXI-MODULE VH/NH/VNH	Short length element for slab connections to transfer positive and negative shear force and bending moments	160 – 280
Egcobox MM-MODULE	Short length element for slab connections to transfer bending moments and positive and Negative shear force	160 – 280

<sup>(1)</sup> Connection height.

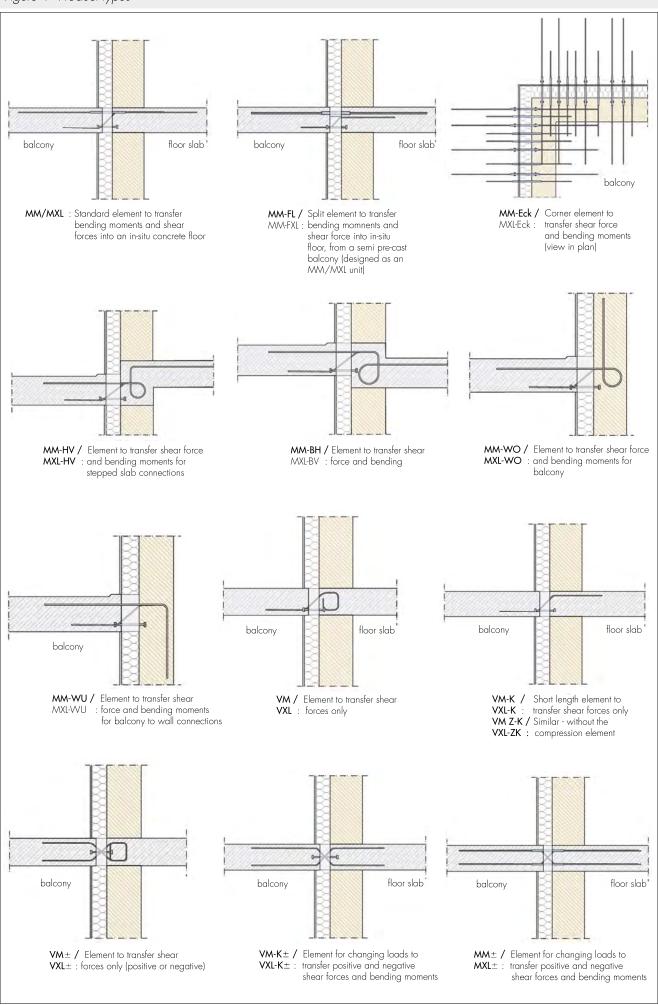
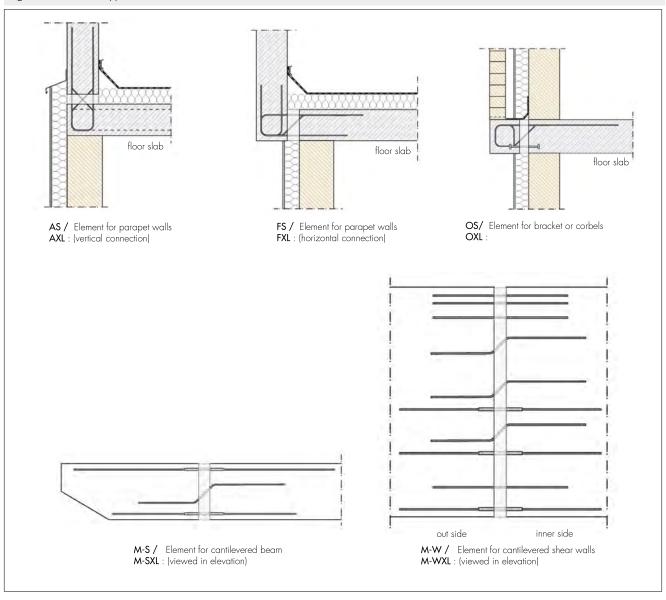


Figure 1 Product types (continued)



- 1.2 Egcobox units, depending on model designation, incorporate some of the following components:
- high-density expanded polystyrene insulation to BS EN 13163 : 2012, 50 mm to 120 mm wide by 160 mm to 250 mm deep
- mineral wool insulation to BS EN 13162 : 2012
- ribbed steel tensile reinforcing bars (B500 to DIN 488-1 2009-08)
- 1 mm thick stainless steel sleeve (1.4301 or 1.4571 to BS EN ISO 1127: 1997)
- ribbed stainless steel shear and compression reinforcement to BS EN 10088-3 : 2014 (tensile strength greater than 500 N·mm<sup>-2</sup>)
- two-component resin
- 50 mm by 40 mm or 63 mm by 40 mm structural steel (grade S235 / S355 JRG1 to BS EN 10025-2 : 2004) compression thrust blocks welded to stainless steel ribbed reinforcement by applying a continuous fillet weld around the circumference of the bar.

#### Tensile reinforcement

- 1.3 Tensile forces are transferred by ribbed tensile steel reinforcing bars using either sleeved tension bars or welded tension bars:
- sleeved tension bar the bar is protected by a stainless steel sleeve where the bars pass through the insulation (see
  Figure 2a). The inside diameter of the sleeve is 2 mm wider than the nominal diameter of the reinforcing bar. The
  sleeve extends beyond the sides of the insulation (see Figure 2a) by 60 mm to allow it to bond with the concrete.
  The area between the sleeve and the reinforcement is completely filled with the two-component resin
- welded tension bar the middle part of the bar is a welded stainless steel bar that passes through the insulation (see Figure 2b). The stainless steel bar extends beyond the sides of the insulation by 60 mm to allow it to bond with the concrete.

Figure 2a Sleeved tension bar

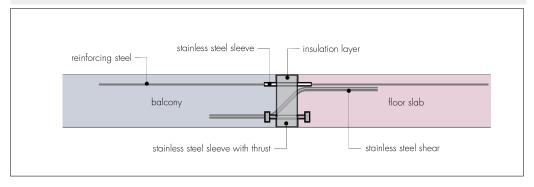
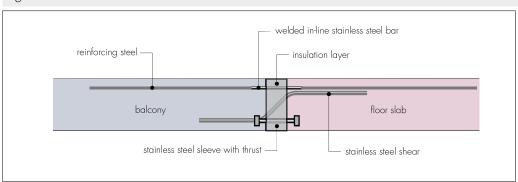


Figure 2b Welded tension bar

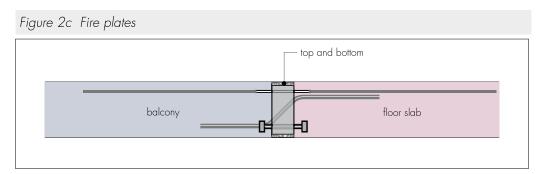


### Compression reinforcement

1.4 Compressive forces are transferred from the balcony to the floor construction by use of a steel compression thrust block welded to stainless steel ribbed compression reinforcement, which passes through the insulation.

#### Shear reinforcement

- 1.5 Shear forces are resisted by ribbed stainless steel reinforcement passing diagonally through the insulation (see Figures 2a and 2b).
- 1.6 Accessories and fixings used in conjunction with the panels include:
- ullet instruction label attached to reinforcement of each element type
- fire protection plate 15 mm thick, made from glassfibre cement-bonded board complying with BS EN 13501-1 : 2007, for use with polystyrene insulation (see Figure 2c)
- damage protection channel C-shaped black plastic, 1 mm thick, provided at top and bottom of products.



### 2 Manufacture

- 2.1 The manufacturing method varies according to the unit. Insulation is cut from sheets according to the requirements for each specific product type. Tension bars are formed from reinforcing bars which are cut to length, and either friction-welded onto a stainless steel reinforcing bar or inserted into a stainless steel tube and injected with resin. Stainless steel for shear force bars is taken from coils and bent according to production drawings. After assembly the bars are connected transversely with non-structural tack welds.
- 2.2 As part of the assessment and ongoing surveillance of product quality, the BBA has:
- agreed with the manufacturer the quality control procedures and product testing to be undertaken
- assessed and agreed the quality control operated over batches of incoming materials
- monitored the production process and verified that it is in accordance with the documented process
- evaluated the process for management of nonconformities

- checked that equipment has been properly tested and calibrated
- undertaken to carry out the above measures on a regular basis through a surveillance process, to verify that the specifications and quality control operated by the manufacturer are being maintained.
- 2.3 The management system of Max Frank Ltd has been assessed and registered as meeting the requirements of BS EN ISO 9001: 2008 by BMTRADA (Certificate 7005).

# 3 Delivery and site handling

Units are normally supplied to order, in palletised and shrink-wrapped packages containing full or part orders. During off-loading, care must be taken to avoid bending reinforcement or damaging the expanded polystyrene or mineral wool core. Packages must be stored away from direct sunlight, and contact with solvents or other harmful chemicals should be avoided.

# Assessment and Technical Investigations

The following is a summary of the assessment and technical investigations carried out on the Egcobox Cantilever Connection System.

### 4 Use

The system is for use in reinforced concrete balconies within domestic and commercial structures, to form a thermal break between the balcony and internal floor and transfer the load while maintaining full structural integrity.

# 5 Practicability of installation

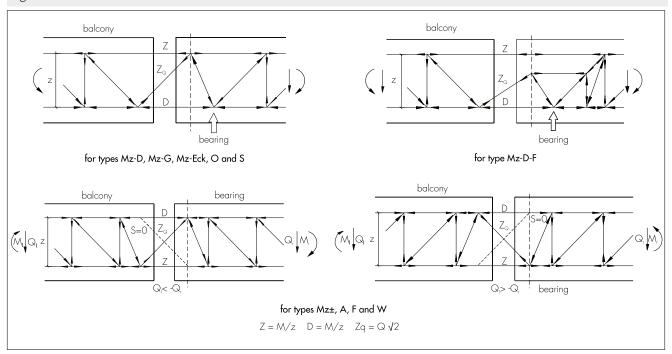
The system is designed to be installed by operatives familiar with the fixing of reinforcement. The operatives must be competent and appropriately trained and take account of the installation instructions provided with each unit.

# 6 Structural aspects



- 🗶 6.1 The system, when designed and installed in accordance with the Certificate holder's installation instructions, has the capability of transferring tensile, shear and compressive forces via the steel reinforcement and the compression elements through to the supporting structure.
- 6.2 The minimum strength of concrete that should be used in the balcony construction is C25/30 to C30/37. The supporting floor concrete strength must be at least C20/25.
- 6.3 The amount of concrete cover depends on the prevailing exposure conditions and fire resistance requirements, and must be in accordance with BS EN 1992-1-1: 2004 or BS 8110-1: 1997. The minimum concrete cover must be at least 30 mm from the outer edge.
- 6.4 The quantities of tensile and/or shear reinforcement to be provided within each unit to resist the balcony or other direct loads must be calculated by a competent structural engineer in accordance with BS EN 1992-1-1: 2004 or BS 8110-1: 1997. Both tension and shear reinforcement must be between 6 mm and 16 mm in diameter. A minimum of three compression and shear reinforcing bars is provided every 1 m length of each of the products.
- 6.5 A minimum of four tensile reinforcing rods is provided per metre run or in accordance with the spacing requirements given in BS EN 1992-1-1: 2004 or BS 8110-1: 1997.
- 6.6 The anchor length of steel reinforcement should be in accordance with BS EN 1992-1-1: 2004 or BS 8110-1: 1997.
- 6.7 Site welding must not be undertaken under any circumstances.
- 6.8 The mechanism of structural resistance of the units is shown in Figure 3 in a framework model form. Structural analysis of individual balconies can be carried out using the framework models.

Figure 3 Framework models



Bending moment (M) and shear force (Q) from balconies pass through connectors in tension (Z, Zq =  $Q\sqrt{2}$ ) and compression (D) to supporting structures.

- 6.9 Tension reinforcement forming each of the units must remain straight and should not be bent.
- 6.10 Where an opening forms part of the balcony support, additional transverse reinforcement should be provided to compensate for the reduction in continuous support.
- 6.11 The characteristic yield strength of both steel and stainless steel reinforcing bars used in the units can be taken as 500 N·mm<sup>-2</sup>. Test result data can also be obtained from the Certificate holder to verify specified tensile resistance figures.
- 6.12 During construction, an upwards camber should be provided to the balcony formwork, in accordance with the Certificate holder's own design tables or by calculating the deflection by structural analysis.

# 7 Thermal performance

7.1 The linear thermal transmittance ( $\psi$  value) of a junction incorporating the product, and its minimum temperature factor, can be modelled in accordance with the requirements and guidance in BRE Report BR 497 Conventions for calculating linear thermal transmittance and temperature factors, BRE Information Paper IP 1/06 Assessing the effects of thermal bridging at junctions and around openings and the provisions in the documents supporting the national Building Regulations relating to competency to perform calculations, determining robustness of design/construction and limiting heat loss by air infiltration. Alternatively, a conservative default junction psi value (eg 1.0 W·m<sup>-1</sup>·K<sup>-1</sup> for a balcony connector) can be taken from the SAP conventions document.

7.2 A construction incorporating an Egcobox type Mz5-D, h = 180 mm (with thermal break conductivity  $\lambda$  = 0.040 W·m<sup>-1</sup>·K<sup>-1</sup> with rebars at 160 mm centres), in a concrete floor slab abutting a wall comprising a 105 mm thick reinforced concrete ( $\lambda$  = 1.8 W·m<sup>-1</sup>·K<sup>-1</sup>) inner leaf, 80 mm of thermal insulation ( $\lambda$  = 0.040 W·m<sup>-1</sup>·K<sup>-1</sup>), a 20 mm wide cavity and a 105 mm thick masonry external leaf, when modelled had an estimated  $\psi$  value of 0.35 W·m<sup>-1</sup>·K<sup>-1</sup> and a minimum temperature factor of 0.84.

Table 2 Material properties		
Material	Thermal conductivity $(W \cdot m^{-1} \cdot K^{-1})$	
Mild steel	50	
Stainless steel	17	
Epoxy resin	0.2	
Polystyrene	0.031	
Mineral wool	0.037	

## 8 Condensation

8.1 The condensation risk associated with a particular construction should be assessed in accordance with BS 5250: 2011. Additional ventilation may be required if the connector is to be used in situations where the internal relative humidity is expected to exceed 70% for any significant length of time.

8.2 Constructions should be appropriately vapour-resistant, to ensure that the risk of interstitial condensation is minimised.

# 9 Behaviour in relation to fire

- 9.1 The use of the system when incorporating top and bottom fire protection plates will not introduce any additional hazard in respect of behaviour in a fire situation, provided the system is installed in accordance with the Certificate holder's instructions.
- 9.2 The nominal concrete cover to reinforcement should be that appropriate to 'mild' exposure in accordance with BS EN 1992-1-1: 2004 or BS 8110-1: 1997, Table 3.4 and Figure 3.2, or as required for fire resistance in accordance with BS EN 1992-1-2: 2004 or BS 8110-2: 1985, Section 4, whichever is the greater.



9.3 Either top and bottom fire protection plates or the use of mineral wool as the insulation core will provide a fire resistance of up to 120 minutes.

9.4 Test results have indicated that the units incorporating 15 mm thick AESTUVER fire protection plates and minimum 130 mm thick polystyrene, or when using minimum 16 mm thick mineral wool as the insulation core, are capable of achieving up to 120 minutes' loadbearing capacity, 120 minutes' integrity and 120 minutes' insulation.

### 10 Maintenance



🤵 Once properly installed within the structural construction, the units should not require maintenance throughout their s serviceable life. The fire plates, when installed, should be inspected periodically for damage and adhesion to the surrounding concrete, and replaced or repaired as necessary.

# 11 Durability



11.1 Balconies constructed with the Egcobox range of products will have a service life of not less than 60 years.

11.2 Reinforcement, forming part of each product, should be provided with the nominal concrete cover as stated in BS EN 1992-1-1 or BS 8110-1: 1997, Table 3.3 to meet durability requirements, depending on conditions of exposure.

## 12 General

Installation instructions are provided by the Certificate holder. Width and depth measurements and direction of lay (in the form of an arrow pointing towards the balcony) are given on the label affixed to top of each unit.

#### 13 Procedure

The following procedure applies to the model type MM/MXL:

- top and bottom reinforcement is laid and fixed to standard detailing requirements, leaving sufficient space to insert the balcony connector
- the balcony connector, with the top and bottom fire plates fitted, is seated within the reinforcement and its position checked for correct alignment, and is wired to the top and bottom reinforcement
- a final position check is made prior to pouring concrete
- during pouring, the concrete should be evenly distributed around the balcony connector. Care should be taken when using vibrators to avoid dislodging the balcony connector from its intended position.

### 14 Investigations

14.1 An assessment was made of data relating to:

- behaviour in fire
- thermal attributes
- structural calculations.
- 14.2 The manufacturing process was evaluated, including the methods adopted for quality control, and details were obtained of the quality and composition of the materials used.
- 14.3 A site visit was carried out to witness the installation process, including the construction of various reinforced balcony constructions, placement of the Egcobox balcony connectors and general reinforcement and pouring of concrete.

# Bibliography

BS 5250: 2011 Code of practice for control of condensation in buildings

BS 8110-1 : 1997 Structural use of concrete — Code of practice for design and construction BS 8110-2 : 1985 Structural use of concrete — Code of practice for special circumstances

BS EN 1992-1-1 : 2004 + A1 : 2014 Eurocode 2 : Design of concrete structures — General rules and rules for buildings

BS EN 1992-1-2 : 2004 Eurocode 2 : Design of concrete structures — General rules — Structural fire design

BS EN 10025-2 : 2004 Hot rolled products of structural steels — Technical delivery conditions for non-alloy structural steels

BS EN 10088-3 : 2014 Stainless steels — Technical delivery conditions for semi-finished products, bars, rods, wire, sections and bright products of corrosion resisting steels for general purposes

BS EN 13162 : 2012 + A1 : 2015 Thermal insulation products for buildings — Factory made mineral wool (MW) products — Specification

BS EN 13163 : 2012 + A1 : 2015 Thermal insulation products for buildings — Factory made products of expanded polystyrene (EPS) — Specification

BS EN 13501-1 : 2007 + A1 : 2009 Fire classification of construction products and building elements — Classification using test data from reaction to fire tests

BS EN ISO 1127: 1997 Stainless steel tubes - Dimensions, tolerances and conventional masses per unit length

BS EN ISO 9001: 2008 Quality management systems — Requirements

DIN 488-1: 2009-08 Reinforcing steels — Grades, properties, marking

# Conditions of Certification

## 15 Conditions

15.1 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.
- 15.2 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.
- 15.3 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.
- 15.4 The BBA has used due skill, care and diligence in preparing this Certificate, but no warranty is provided.
- 15.5 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.
- 15.6 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.