

designated according to Article 29 of the Regulation (EU) No 305/2011 and member of EOTA (European Organisation for Technical Assessment, www.eota.eu)

European Technical Assessment

**ETA 25/0262
of 27/06/2025**

Technical Assessment Body issuing the ETA and designated according to Article 29 of the Regulation (EU) No 305/2011: **UL International (Netherlands) B.V.**

Trade name of the construction product	Blazetrap Rapid Outlet Box System (ROBS) 1 Blazetrap Rapid Outlet Box System (ROBS) 2
Product family to which the construction product belongs	Fire Stopping and Sealing Product: • Penetration Seals
Manufacturer	Blaze Trap Ltd Unit 29, Penraevons Light Industrial Estate Jackson Road Leeds LS7 2AP
Manufacturing plant(s)	Blaze Trap Ltd C.O MGS Technical Plastics Ltd MGS Plastics, Unit 7, Centurion Business Park, Davyfield Road, Blackburn BB1 2QY
This European Technical Assessment contains	27 pages including 1 Annex which forms an integral part of this assessment.
This European Technical Assessment is issued in accordance with regulation (EU) No 305/2011, on the basis of	EAD 350454-00-1104, September 2017.

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I. SPECIFIC PARTS OF THE EUROPEAN TECHNICAL ASSESSMENT

1 Technical description of the product

- 1) Blazetrap Rapid Outlet Box System are defined as a fire resistant, intumescent lined socket box, used to reinstate the fire resistance performance of wall constructions where they have been provided with apertures for the penetration of cables into socket boxes.
- 2) The Blazetrap Rapid Outlet Box System are supplied in a single and double pre-formed size of 50mm back box depths. The Socket Box insert is push/friction fitted into the metal box.
- 3) The maximum sizes of the socket boxes are described in Annex A, however any smaller boxes fitting within the specified maximum linear dimensions are also permitted. This include alternative shapes such as squares, rectangles, circles and ovals.
- 4) Blazetrap Ltd has submitted a written declaration that the Blazetrap Rapid Outlet Box System does not contain substances which have to be classified as dangerous according to Directive 67/548/EEC and Regulation (EC) No 1272/2008 and listed in the "Indicative list on dangerous substances" of the EGDS - taking into account the installation conditions of the construction product and the release scenarios resulting from there.

In addition to the specific clauses relating to dangerous substances contained in this European technical Assessment, there may be other requirements applicable to the products falling within its scope (e.g., transposed European legislation and national laws, regulations and administrative provisions). In order to meet the provisions of the Construction Products Regulation, these requirements need also to be complied with, when and where they apply.

- 5) The use category of Blazetrap Rapid Outlet Box System in relation to BWR 3 (Hygiene, health and environment) is IA1.

2 Specification of the intended uses of the product in accordance with the applicable European Assessment Document (Hereinafter EAD): EAD 350454-00-1104

Detailed information and data is given in Annex A.

- 1) The intended use of Blazetrap Rapid Outlet Box System insert is to reinstate the fire resistance performance of flexible wall constructions where they are penetrated by cable protrusion of socket boxes.
- 2) The specific elements of construction that the Blazetrap Rapid Outlet Box System insert may be used to provide a penetration seal in, are as follows:

- a. Flexible walls: The wall must have a minimum thickness of 75 mm and comprise steel studs or timber studs* lined on both faces with minimum 1 layer of 12.5 mm thick boards.

* no part of the penetration seal may be closer than 100 mm to a stud.

100mm cut away was tested in accordance with 7.2.2.1.2.1 , therefore Direct Field of Application clause 13.3.2.1 should be adopted for walls which do not contain an insulation.

The supporting construction must be classified in accordance with EN 13501-2 for the required fire resistance period.

This ETA does not cover use of this product as a penetration seal in sandwich panel constructions.

- 3) The Blazetrap Rapid Outlet Box System may be used to provide a penetration seal for cable protrusion of socket boxes (for details see Annex A).
- 4) The provisions made in this European Technical Assessment are based on an assumed working life of the Blazetrap Rapid Outlet Box System of 10 years, provided that the conditions laid down in the product datasheet for the packaging/transport/ storage/installation/use/repair are met. The indications given on the working life cannot be interpreted as a guarantee given by the producer, but are to be regarded only as a means for choosing the right products in relation to the expected economically reasonable working life of the works.
- 5) Type X: Product intended for use at conditions exposed to free weathering.

3 Performance of the product and references to the methods used for its assessment

Product-type: Socket Box Insert		Intended use: Penetration Seal
Assessment method	Essential characteristic	Product performance
BWR 2 Safety in case of fire		
EN 13501-1	Reaction to fire	Euroclass E
EN 13501-2	Resistance to fire	Annex A
BWR 3 Hygiene, health and environment		
EN 1026	Air permeability	No performance determined
EAD 350454-00-1104, Annex C	Water permeability	No performance determined
Declaration of manufacturer & EN 16516	Content, emission and/or release of dangerous substances	Use categories: IA1 Declaration of manufacturer
BWR 4 Safety in use		
EOTA TR 001:2003	Mechanical resistance and stability	No performance determined
EOTA TR 001:2003	Resistance to impact/movement	No performance determined
EOTA TR 001:2003	Adhesion	No performance determined
EAD 350454-00-1104, Clause 2.2.9	Durability	X
BWR 5 Protection against noise		
EN 10140-1,2,4,5/ EN ISO 717-1	Airborne sound insulation	R _w (C;C _{tr})= 64 (-2;-7) dB*
BWR 6 Energy economy and heat retention		
EN 12664, EN 12667, EN 12939, EN ISO 8990, EN ISO 6946, EN ISO 14683, EN ISO 10211, EN ISO 10456	Thermal properties	No performance determined
EN ISO 12572, EN 12086, EN ISO 10456	Water vapour permeability	No performance determined

*Applicable only for Blazetrap socket boxes

ASSESSMENT AND VERIFICATION OF CONSTANCY OF PERFORMANCE (HEREINAFTER AVCP) SYSTEM APPLIED, WITH REFERENCE TO ITS LEGAL BASE

According to the decision 1999/454/EC – Commission Decision of date 22nd June 1999 on the procedure for attesting the conformity of construction products pursuant to Article 20(2) of Council Directive 89/106/EEC as regards fire stopping, fire sealing and fire protective products, published in the Official Journal of the European Union (OJEU) L178/52 of 14/07/1999, (see <https://eur-lex.europa.eu/oj/direct-access.html>) of the European Commission¹, as amended, the system(s) of assessment and verification of constancy of performance (see Annex V to Regulation (EU) No 305/2011) given in the following table(s) applies (apply).

Product(s)	Intended use(s)	Level(s) or class(es)	System(s)
Fire stopping and Fire Sealing Products	For fire compartmentation and/or fire protection or fire performance	Any	1

4 Technical details necessary for the implementation of the AVCP system, as provided for in the applicable EAD

Tasks of the manufacturer:

Factory production control

The manufacturer shall exercise permanent internal control of production. All the elements, requirements and provisions adopted by the manufacturer shall be documented in a systematic manner in the form of written policies and procedures, including records of results performed. This production control system shall ensure that the product is in conformity with this European technical Assessment.

The factory production control shall be in accordance with the Control Plan of 20th November 2024 relating to the European technical assessment ETA 25/0262 issued on 27/06/2025 which is part of the technical documentation of this European technical Assessment. The "Control Plan" is laid down in the context of the factory production control system operated by the manufacturer and deposited at UL International (Netherlands) B.V.

The results of factory production control shall be recorded and evaluated in accordance with the provisions of the Control Plan.

¹ Official Journal of the European Communities L178/52 of 14/7/1999

Other tasks of the manufacturer:

Additional information

The manufacturer shall provide a technical data sheet and an installation instruction with the following minimum information:

(a) Technical data sheet:

- Field of application:
- Building elements for which the penetration seal is suitable, type and properties of the building elements like minimum thickness, density, and - in case of lightweight constructions – the construction requirements.
- Limits in size, minimum thickness etc. of the penetration seal
- Construction of the penetration seal including the necessary components and additional products (e.g. backfilling material) with clear indication whether they are generic or specific.
- Services which the penetration seal is suitable, type and properties of the services like material, diameter, thickness etc. in case of pipes including insulation materials; necessary/allowed supports/fixings (e.g. pipe trays)

(b) Installation instruction:

- Steps to be followed
- Procedure in case of retrofitting
- Stipulations on maintenance, repair and replacement

5 Issued on:

27th June 2025

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For and on behalf of UL International (Netherlands) B.V.

ANNEX A – Resistance to Fire Classification – Blazetrap Rapid Outlet Box Systems

Seal Size, Shape and Distances

The test results obtained using standard wall configurations for penetration and partial penetration sealing systems are valid for any penetration seal size equal to, or smaller than that tested, the working clearances are not smaller than the minimum working clearances used in the test. The design shape fits within the parameters/area of the largest tested Blaze Trap Socket Box ROBS device, this includes rectangle, square, oval and round shapes

The maximum Blazetrap Socket Box ROBS device size within a design group is determined by the maximum size tested 134 mm wide x 74 mm high x 50 mm deep and covers all smaller sizes and shapes.

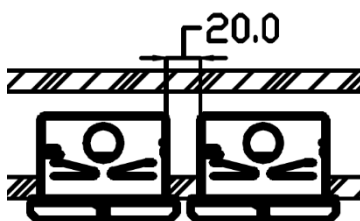
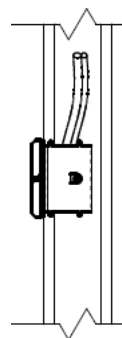
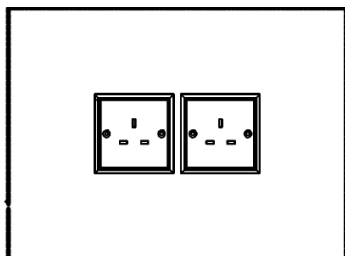
The thickness of the active component of the Blazetrap Socket Box ROBS device is unchanged from the design groups comprising the smallest and the device sizes tested, this covers all shapes and sizes in the range.
This interpolation is permissible based on the volume of the reactive material between the tested devices.

A.1 Flexible wall constructions with wall thickness of minimum 75 mm

A.1.1 Cables in Blazetrap socket boxes in flexible wall constructions with wall thickness of minimum 75mm (30-minute fire resistant wall)

Penetration Seal: Up to two Blazetrap socket boxes, fitted flush with one face of the wall (Blazetrap socket boxes fitted to the opposite face of the wall must be located minimum 200 mm away)

Construction details:

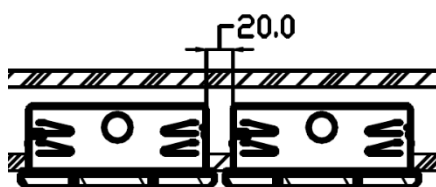
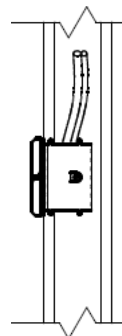
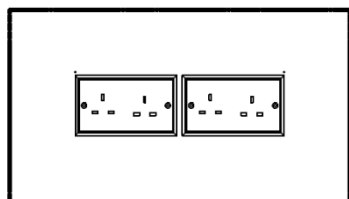


Cables/wires ²	Blazetrap Socket Box (ROBS 1) ¹	Insert	Aperture / min. separation	Cavity Insulation Required	Back Box Position in Wall ³	Classification
Kopex Gland, 1.5mm twin and earth. FR 15mm diameter 1 No. NYY 3C 2.5	2 No. Metallic back-box and face plate, maximum 74 mm wide x 74 mm high x 50 mm deep.	1.5 mm thick, fully lined/moulded to the Metallic back-box	Nominally 75 mm 75 mm high / 20 mm	No	Flush	EI 30

1. Blazetrap Metal Back Boxes can be fitted flush or recessed to the maximum stated in the above table.
2. Cable entry tested with either pre-made tight fitting hole or pre-slitting of Blazetrap Socket Box Insert to allow retrofitting around existing cables.
3. Partition must be of the same or higher fire resistance classification in accordance with EN 13501-2 with minimum 1x12.5mm thick Gypsum boards in accordance with EN520 to both faces.

Penetration Seal: Up to two Blazetrap socket boxes, fitted flush with one face of the wall (Blazetrap socket boxes fitted to the opposite face of the wall must be located minimum 200 mm away)

Construction details:

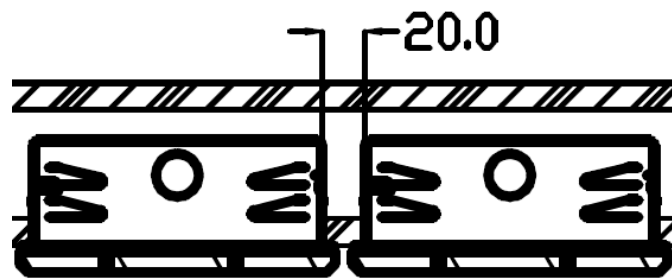
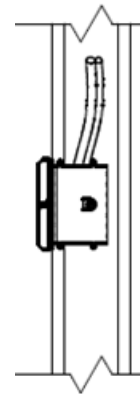
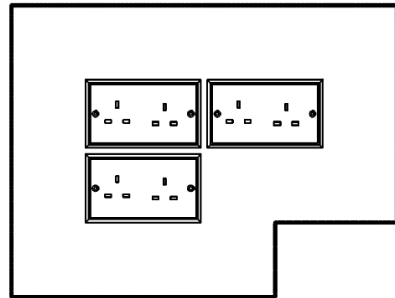


Cables/wires ²	Blazetrap Socket Box (ROBS 2) ¹	Insert	Aperture / min. separation	Cavity Insulation Required	Back Box Position in Wall ³	Classification
1 No. LSF 2.5 looped below into each box. 1 No. 3-core LSF 12mm looped over top into each box.	2 No. Metallic back-box and face plate, maximum 134 mm wide x 74 mm high x 50 mm deep.	1.5 mm thick, fully lined/moulded to the Metallic back-box	Nominally 135 mm wide x 75 mm high / 20 mm	No	Flush	EI 30

1. Blazetrap Metal Back Boxes can be fitted flush or recessed to the maximum stated in the above table.
2. Cable entry tested with either pre-made tight fitting hole or pre-slitting of Blazetrap Socket Box Insert to allow retrofitting around existing cables.
3. Partition must be of the same or higher fire resistance classification in accordance with EN 13501-2 with minimum 1x12.5mm thick Gypsum boards in accordance with EN520 to both faces.

Penetration Seal: Up to three Blazetrap socket boxes, fitted flush with one face of the wall (Blazetrap socket boxes fitted to the opposite face of the wall must be located minimum 200 mm away)

Construction details:

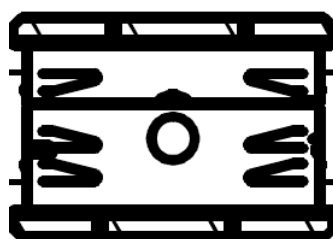
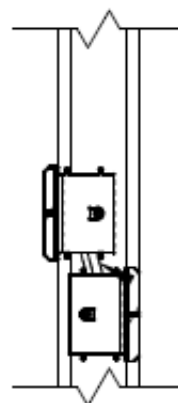
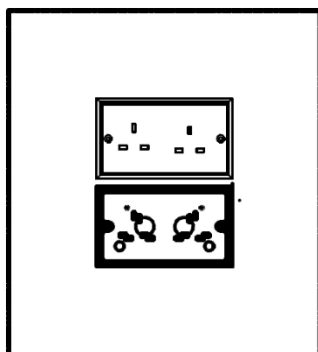


Cables/wires ²	Blazetrap Socket Box (ROBS 2) ¹	Insert	Aperture / min. separation	Cavity Insulation Required	Back Box Position in Wall ³	Classification
2 No. 3-core LSF 5mm 2 No. NYY 3C 2.5mm	3 No. Metallic back-box and face plate, maximum 134 mm wide x 74 mm high x 50 mm deep.	1.5 mm thick, fully lined/moulded to the Metallic back-box	Nominally 135 mm wide x 75 mm high / 20 mm	No	Flush	EI 30

- Blazetrap Metal Back Boxes can be fitted flush or recessed to the maximum stated in the above table.
- Cable entry tested with either pre-made tight fitting hole or pre-slitting of Blazetrap Socket Box Insert to allow retrofitting around existing cables.
- Partition must be of the same or higher fire resistance classification in accordance with EN 13501-2 with minimum 1x12.5mm thick Gypsum boards in accordance with EN520 to both faces.

Penetration Seal: Blazetrapp socket boxes fitted flush with both faces of the wall with a minimum offset of 80 mm.

Construction details:

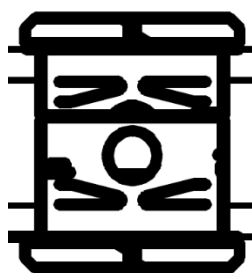
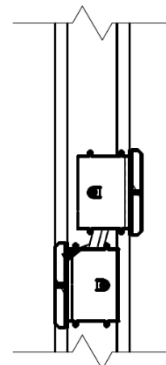
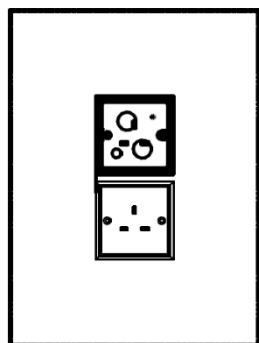


Services ³	Blazetrapp Socket Box (ROBS 2) ¹	Insert	Aperture	Cavity Insulation Required	Minimum Offset ²	Back Box Position in Wall ⁴	Classification
1 No. NYVT 4mm 1 No. LSF 4mm	2 No. Metallic back-box and face plate, maximum 134 mm wide x 74 mm high x 50 mm deep.	1.5 mm thick, fully lined/moulded to the Metallic back-box	Nominally 135 mm wide x 75 mm high	No	80 mm	Flush	EI 30

1. Blazetrapp Metal Back Boxes can be fitted flush or recessed to the maximum stated in the above table.
2. 'Minimum Offset' relates to position of socket boxes either side of the wall, e.g., 80mm means the sockets on one side of the wall must be vertically offset by a minimum 80mm compared to the socket on the other side of the wall (centre to centre).
3. Cable entry tested with either pre-made tight fitting hole or pre-slitting of Blazetrapp Socket Box Insert to allow retrofitting around existing cables.
4. Partition must be of the same or higher fire resistance classification in accordance with EN 13501-2 with minimum 1x12.5mm thick Gypsum boards in accordance with EN520 to both faces.

Penetration Seal: Blazetrap socket boxes fitted flush with both faces of the wall with a minimum offset of 80 mm.

Construction details:



Services ³	Blazetrap Socket Box (ROBS 1) ¹	Insert	Aperture	Cavity Insulation Required	Minimum Offset ²	Back Box Position in Wall ⁴	Classification
1 No. NYVT 4mm and one Cat 6mm cable into each box.	2 No. Metallic back-box and face plate, maximum 74 mm wide x 74 mm high x 50 mm deep.	1.5 mm thick, fully lined/moulded to the Metallic back-box	Nominally 75 mm wide x 75 mm high	No	80 mm	Flush	EI 30

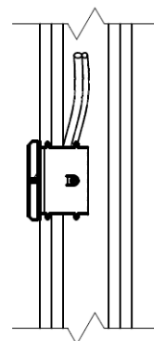
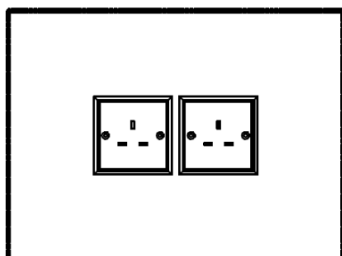
1. Blazetrap Metal Back Boxes can be fitted flush or recessed to the maximum stated in the above table.
2. 'Minimum Offset' relates to position of socket boxes either side of the wall, e.g., 80mm means the sockets on one side of the wall must be vertically offset by a minimum 80mm compared to the socket on the other side of the wall (centre to centre).
3. Cable entry tested with either pre-made tight fitting hole or pre-slitting of Blazetrap Socket Box Insert to allow retrofitting around existing cables.
4. Partition must be of the same or higher fire resistance classification in accordance with EN 13501-2 with minimum 1x12.5mm thick Gypsum boards in accordance with EN520 to both faces.

A.2 Flexible wall constructions with wall thickness of minimum 100 mm

A.2 Cables in Blazetrap socket boxes in flexible wall constructions with wall thickness of minimum 100mm

Penetration Seal: Up to two Blazetrap socket boxes, fitted flush with one face of the wall (Blazetrap socket boxes fitted to the opposite face of the wall must be located minimum 200 mm away)

Construction details:

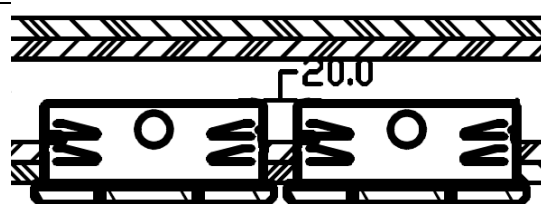
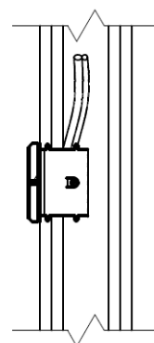
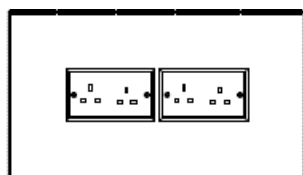


Services ²	Blazetrap Socket Box (ROBS 1) ¹	Insert	Aperture / min. separation	Cavity Insulation Required	Back Box Position in Wall ³	Classification
Kopex Gland, 1.5mm twin and earth. FR 15mm diameter. 1 No. NYY 3C 2.5	2 No. Metallic back-box and face plate, maximum 74 mm wide x 74 mm high x 50 mm deep.	1.5 mm thick, fully lined/moulded to the Metallic back-box	Nominally 75 mm (wide x 75 mm high / 20 mm	No	Flush	EI 45

1. Blazetrap Metal Back Boxes can be fitted flush or recessed to the maximum stated in the above table.
2. Cable entry tested with either pre-made tight fitting hole or pre-slitting of Blazetrap Socket Box Insert to allow retrofitting around existing cables.
3. Partition must be of the same or higher fire resistance classification in accordance with EN 13501-2 with minimum 2x12.5mm thick Gypsum boards in accordance with EN520 to both sides.

Penetration Seal: Up to two Blazetrap socket boxes, fitted flush with one face of the wall (Blazetrap socket boxes fitted to the opposite face of the wall must be located minimum 200 mm away)

Construction details:

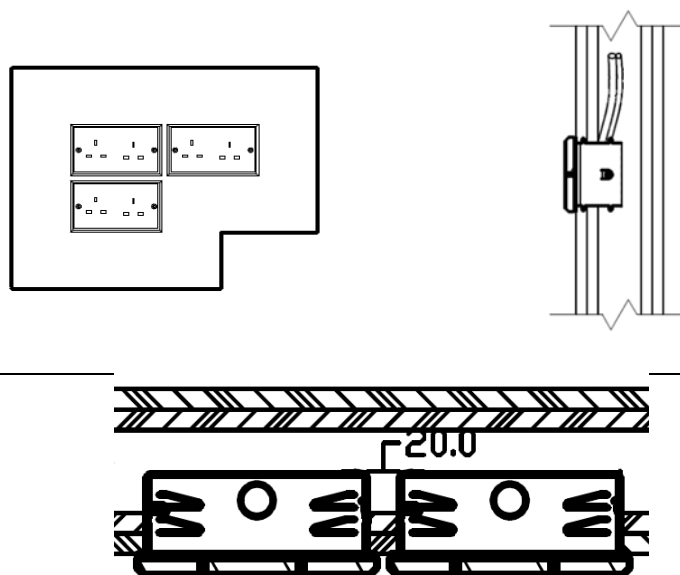


Services ²	Blazetrap Socket Box (ROBS 2) ¹	Insert	Aperture / min. separation	Cavity Insulation Required	Back Box Position in Wall ³	Classification
1 No. LSF 2.5 looped below into each box. 1 No. 3-core LSF 12mm looped over top into each box.	2 No. Metallic back-box and face plate, maximum 134 mm wide x 74 mm high x 50 mm deep.	1.5 mm thick, fully lined/moulded to the Metallic back-box	Nominally 135 mm wide x 75 mm high / 20 mm	No	Flush	EI 45

1. Blazetrap Metal Back Boxes can be fitted flush or recessed to the maximum stated in the above table.
2. Cable entry tested with either pre-made tight fitting hole or pre-slitting of Blazetrap Socket Box Insert to allow retrofitting around existing cables.
3. Partition must be of the same or higher fire resistance classification in accordance with EN 13501-2 with minimum 2x12.5mm thick Gypsum boards in accordance with EN520 to both sides.

Penetration Seal: Up to three Blazetrap socket boxes, fitted flush with one face of the wall (Blazetrap socket boxes fitted to the opposite face of the wall must be located minimum 200 mm away)

Construction details:

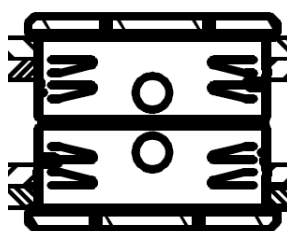
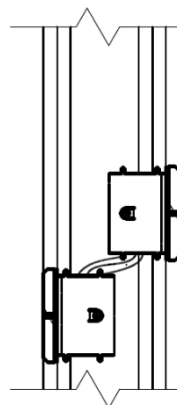
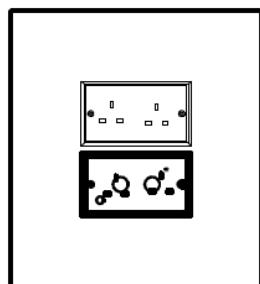


Services ²	Blazetrap Socket Box (ROBS 2) ¹	Insert	Aperture / min. separation	Cavity Insulation Required	Back Box Position in Wall ³	Classification
2 No. 3-core LSF 5mm 2 No. NY 3C 2.5mm	3 No. Metallic back-box and face plate, maximum 134 mm wide x 74 mm high x 50 mm deep.	1.5 mm thick, fully lined/moulded to the Metallic back-box	Nominal 135 mm wide x 75 mm high / 20 mm	No	Flush	EI 45

1. Blazetrap Metal Back Boxes can be fitted flush or recessed to the maximum stated in the above table.
2. Cable entry tested with either pre-made tight fitting hole or pre-slitting of Blazetrap Socket Box Insert to allow retrofitting around existing cables.
3. Partition must be of the same or higher fire resistance classification in accordance with EN 13501-2 with minimum 2x12.5mm thick Gypsum boards in accordance with EN520 to both sides.

Penetration Seal: Blazetrapp socket boxes fitted flush with both faces of the wall with a minimum offset of 80 mm.

Construction details:

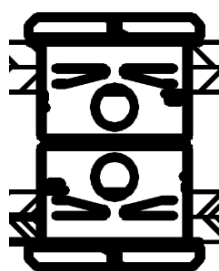
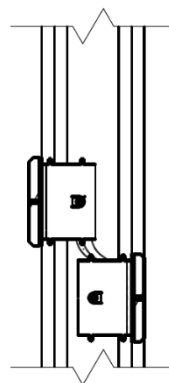
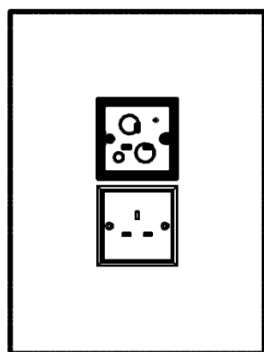


Services ³	Blazetrapp Socket Box (ROBS 2) ¹	Insert	Aperture	Cavity Insulation Required	Minimum Offset ²	Back Box Position in Wall ⁴	Classification
1 No. NYVT 4mm 1 No. LSF 4mm	2 No. Metallic back-box and face plate, maximum 134 mm wide x 74 mm high x 50 mm deep.	1.5 mm thick, fully lined/moulded to the Metallic back-box	Nominally 135 mm wide x 75 mm high	No	80 mm	Flush	EI 45

1. Blazetrapp Metal Back Boxes can be fitted flush or recessed to the maximum stated in the above table.
2. 'Minimum Offset' relates to position of socket boxes either side of the wall, e.g., 80mm means the sockets on one side of the wall must be vertically offset by a minimum 80mm compared to the socket on the other side of the wall (centre to centre).
3. Cable entry tested with either pre-made tight fitting hole or pre-slitting of Blazetrapp Socket Box Insert to allow retrofitting around existing cables.
4. Partition must be of the same or higher fire resistance classification in accordance with EN 13501-2 with minimum 2x12.5mm thick Gypsum boards in accordance with EN520 to both sides.

Penetration Seal: Blazetrap socket boxes fitted flush with both faces of the wall with a minimum offset of 80 mm.

Construction details:



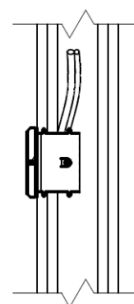
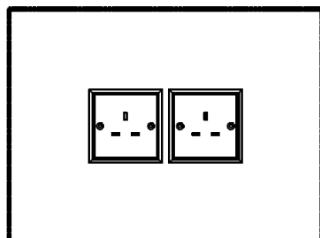
Services ³	Blazetrap Socket Box (ROBS 1) ¹	Insert	Aperture	Cavity Insulation Required	Minimum Offset ²	Back Box Position in Wall ⁴	Classification
1 No. NYVT 4mm and one Cat 6mm cable	2 No. Metallic back-box and face plate, maximum 74 mm wide x 74 mm high x 50 mm deep.	1.5 mm thick, fully lined/moulded to the Metallic back-box	Nominally 75 mm wide x 75 mm high	No	80 mm	Flush	EI 45

1. Metal Back Boxes can be fitted flush or recessed to the maximum stated in the above table.
2. 'Minimum Offset' relates to position of socket boxes either side of the wall, e.g., 80mm means the sockets on one side of the wall must be vertically offset by a minimum 80mm compared to the socket on the other side of the wall (centre to centre).
3. Cable entry tested with either pre-made tight fitting hole or pre-slitting of Blazetrap Socket Box Insert to allow retrofitting around existing cables.
4. Partition must be of the same or higher fire resistance classification in accordance with EN 13501-2 with minimum 2x12.5mm thick Gypsum boards in accordance with EN520 to both sides.

A.3 Cables in Blazetrap socket boxes in flexible wall constructions with wall thickness of minimum 100mm (60-minute fire resistant wall)

Penetration Seal: Up to two Blazetrap socket boxes, fitted flush with one face of the wall (Blazetrap socket boxes fitted to the opposite face of the wall must be located minimum 200 mm away)

Construction details:

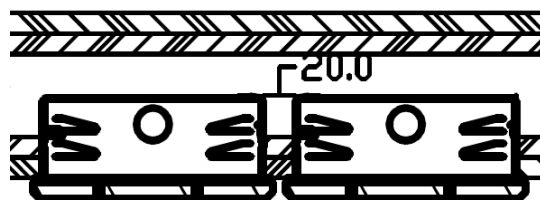
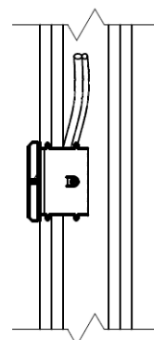
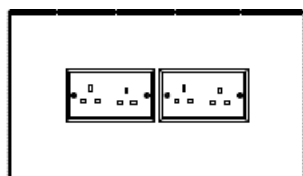


Services ²	Blazetrap Socket Box (ROBS 1) ¹	Insert	Aperture/ min. separation	Cavity Insulation Required	Back Box Position in Wall ³	Classification
Kopex Gland, 1.5mm twin and earth. FR 15mm diameter. 1 No. NYY 3C 2.5	2 No. Metallic back-box and face plate, maximum 74 mm wide x 74 mm high x 50 mm deep.	1.5 mm thick, fully lined/moulded to the Metallic back-box	Nominally 75 mm (wide x 75 mm high / 20 mm	No	Flush	EI 60

1. Blazetrap Metal Back Boxes can be fitted flush or recessed to the maximum stated in the above table.
2. Cable entry tested with either pre-made tight fitting hole or pre-slitting of Blazetrap Socket Box Insert to allow retrofitting around existing cables.
3. Partition must be of the same or higher fire resistance classification in accordance with EN 13501-2 with minimum 2x12.5mm thick Gypsum boards in accordance with EN520 to both sides.

Penetration Seal: Up to two Blazetrap socket boxes, fitted flush with one face of the wall (Blazetrap socket boxes fitted to the opposite face of the wall must be located minimum 200 mm away)

Construction details:

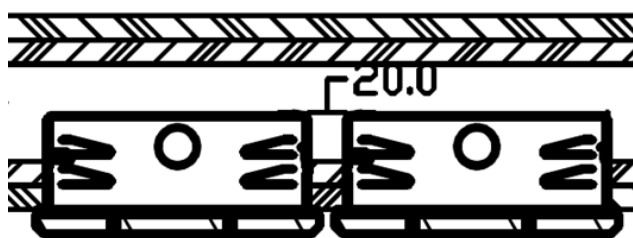
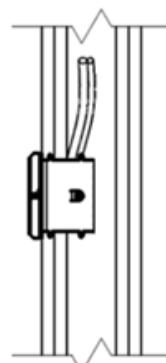
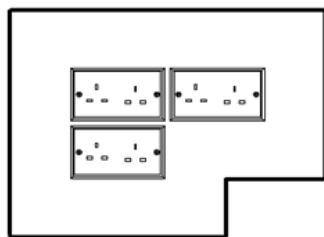


Services ²	Blazetrap Socket Box (ROBS 2) ¹	Insert	Aperture / min. separation	Cavity Insulation Required	Back Box Position in Wall ³	Classification
1 No. LSF 2.5 looped below into each box. 1 No. 3-core LSF 12mm looped over top into each box	2 No. Metallic back-box and face plate, maximum 134 mm wide x 74 mm high x 50 mm deep.	1.5 mm thick, fully lined/moulded to the Metallic back-box	Nominally 135 mm wide x 75 mm high / 20 mm	No	Flush	EI 60

- Blazetrap Metal Back Boxes can be fitted flush or recessed to the maximum stated in the above table.
- Cable entry tested with either pre-made tight fitting hole or pre-slitting of Blazetrap Socket Box Insert to allow retrofitting around existing cables.
- Partition must be of the same or higher fire resistance classification in accordance with EN 13501-2 with minimum 2x12.5mm thick Gypsum boards in accordance with EN520 to both sides.

Penetration Seal: Up to three Blazetrap socket boxes, fitted flush with one face of the wall (Blazetrap socket boxes fitted to the opposite face of the wall must be located minimum 200 mm away)

Construction details:

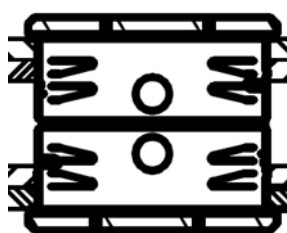
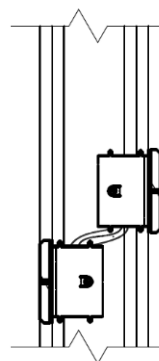
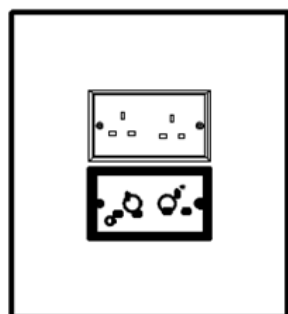


Services ²	Blazetrap Socket Box (ROBS 2) ¹	Insert	Aperture / min. separation	Cavity Insulation Required	Back Box Position in Wall ³	Classification
2 No. 3-core LSF 5mm 2 No. NYY 3C 2.5mm	3 No. Metallic back-box and face plate, maximum 134 mm wide x 74 mm high x 50 mm deep.	1.5 mm thick, fully lined/moulded to the Metallic back-box	Nominal 135 mm wide x 75 mm high / 20 mm	No	Flush	EI 60

1. Blazetrap Metal Back Boxes can be fitted flush or recessed to the maximum stated in the above table.
2. Cable entry tested with either pre-made tight fitting hole or pre-slitting of Blazetrap Socket Box Insert to allow retrofitting around existing cables.
3. Partition must be of the same or higher fire resistance classification in accordance with EN 13501-2 with minimum 2x12.5mm thick Gypsum boards in accordance with EN520 to both sides.

Penetration Seal: Blazetrap socket boxes fitted flush with both faces of the wall with a minimum offset of 80 mm.

Construction details:

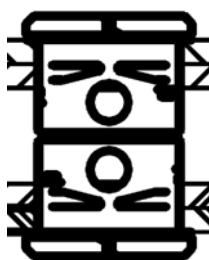
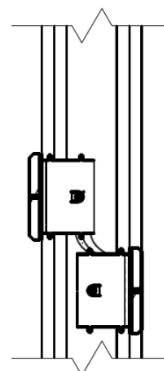
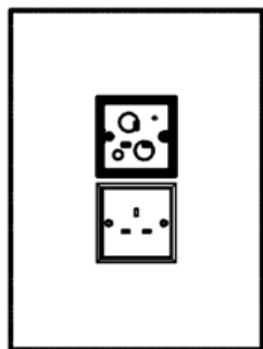


Services ³	Blazetrap Socket Box (ROBS 2) ¹	Insert	Aperture	Cavity Insulation Required	Minimum Offset ²	Back Box Position in Wall ⁴	Classification
1 No. NYVT 4mm 1 No. LSF 4mm	2 No. Metallic back-box and face plate, maximum 134 mm wide x 74 mm high x 50 mm deep.	1.5 mm thick, fully lined/moulded to the Metallic back-box	Nominally 135 mm wide x 75 mm high	No	80 mm	Flush	EI 60

1. Blazetrap Metal Back Boxes can be fitted flush or recessed to the maximum stated in the above table.
2. 'Minimum Offset' relates to position of socket boxes either side of the wall, e.g., 80mm means the sockets on one side of the wall must be vertically offset by a minimum 80mm compared to the socket on the other side of the wall (centre to centre).
3. Cable entry tested with either pre-made tight fitting hole or pre-slitting of Blazetrap Socket Box Insert to allow retrofitting around existing cables.
4. Partition must be of the same or higher fire resistance classification in accordance with EN 13501-2 with minimum 2x12.5mm thick Gypsum boards in accordance with EN520 to both sides

Penetration Seal: Blazetrap socket boxes fitted flush with both faces of the wall with a minimum offset of 80 mm.

Construction details:



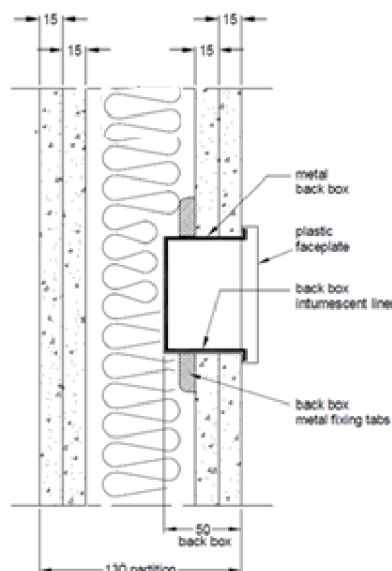
Services ³	Blazetrap Socket Box (ROBS 1) ¹	Insert	Aperture	Cavity Insulation Required	Minimum Offset ²	Back Box Position in Wall ⁴	Classification
1 No. NYVT 4mm and one Cat 6mm cable	2 No. Metallic back-box and face plate, maximum 74 mm wide x 74 mm high x 50 mm deep.	1.5 mm thick, fully lined/moulded to the Metallic back-box	Nominally 75 mm wide x 75 mm high	No	80 mm	Flush	EI 60

1. Metal Back Boxes can be fitted flush or recessed to the maximum stated in the above table.
2. 'Minimum Offset' relates to position of socket boxes either side of the wall, e.g., 80mm means the sockets on one side of the wall must be vertically offset by a minimum 80mm compared to the socket on the other side of the wall (centre to centre).
3. Cable entry tested with either pre-made tight fitting hole or pre-slitting of Blazetrap Socket Box Insert to allow retrofitting around existing cables.
4. Partition must be of the same or higher fire resistance classification in accordance with EN 13501-2 with minimum 2x12.5mm thick Gypsum boards in accordance with EN520 to both sides.

A.4 Cables in Blazetrap socket boxes, including grouped, in flexible wall constructions with wall thickness of minimum 130mm (120-minute fire resistant wall)

Penetration Seal: Blazetrap socket boxes, fitted flush with one face of the wall (Blazetrap socket boxes fitted to the opposite face of the wall must be located minimum 200 mm away)

Construction details:

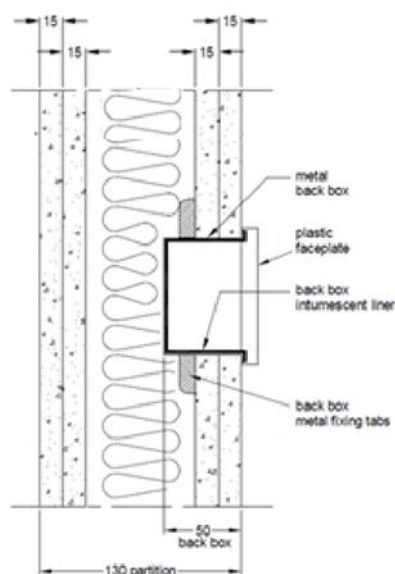


Services	Blazetrap Socket Box (ROBS 2) ¹	Insert	Aperture / min. separation	Cavity Insulation Required ³	Back Box Position in Wall ²	Classification
BASEC electrical cable BS8436 300/500V 4x1.5m ² fitted within a flexible conduit fixed to back box using a Nickel plated brass 90 degree elbow with Flexicon 25mm conduit with PVC coating	2 No. Metallic back-box and face plate, maximum 135 mm wide x 75 mm high x 50 mm deep.	1.5 mm thick, fully lined/moulded to the Metallic back-box	Nominally 137 mm wide x 77mm high / 20 mm	Yes	Flush	EI 90

1. Blazetrap Metal Back Boxes can be fitted flush or recessed to the maximum stated in the above table.
2. Partition must be of the same or higher fire resistance classification in accordance with EN 13501-2 with minimum 2x15mm thick Gypsum boards in accordance with EN520 to both faces.
3. Cavity insulation must be stone wool, minimum 50mm thick minimum 100kg/m³ density.

Penetration Seal: Blazetrap socket boxes, fitted flush with one face of the wall (Blazetrap socket boxes fitted to the opposite face of the wall must be located minimum 200 mm away)

Construction details:



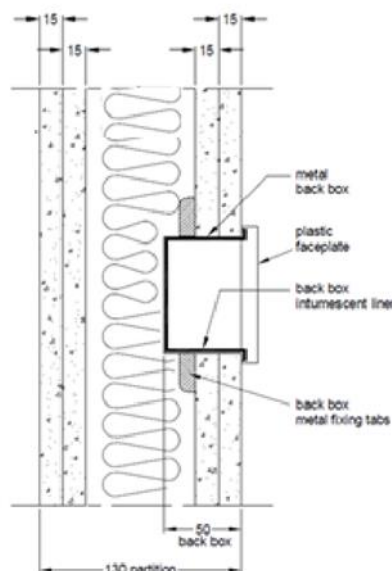
Services	Blazetrap Socket Box (ROBS 1) ¹	Insert	Aperture / min. separation	Cavity Insulation Required ³	Back Box Position in Wall ²	Classification
BASEC electrical cable BS8436 300/500V 4x1.5mm ² fitted within a flexible conduit fixed to back box using a Nickel plated brass 90 degree elbow with Flexicon 25mm conduit with PVC coating	Single switch plug socket Up to 5 No. Metallic back-box and face plate, maximum 75 mm wide x 75 mm high x 50 mm deep.	1.5 mm thick, fully lined/moulded to the Metallic back-box	Nominally 77 mm wide x 77mm high / 20 mm	Yes	Flush	EI 90

1. Blazetrap Metal Back Boxes can be fitted flush or recessed to the maximum stated in the above table.
2. Partition must be of the same or higher fire resistance classification in accordance with EN 13501-2 with minimum 2x15mm thick Gypsum boards in accordance with EN520 to both sides.
3. Cavity insulation must be stone wool, minimum 50mm thick minimum 100kg/m³ dense.

A.5 Cables in Blazetrap Socket boxes, including grouped, in flexible wall constructions with wall thickness of minimum 130mm (120-minute fire resistant wall)

Penetration Seal: Blazetrap socket boxes, fitted flush with one face of the wall (Blazetrap socket boxes fitted to the opposite face of the wall must be located minimum 200 mm away)

Construction details:

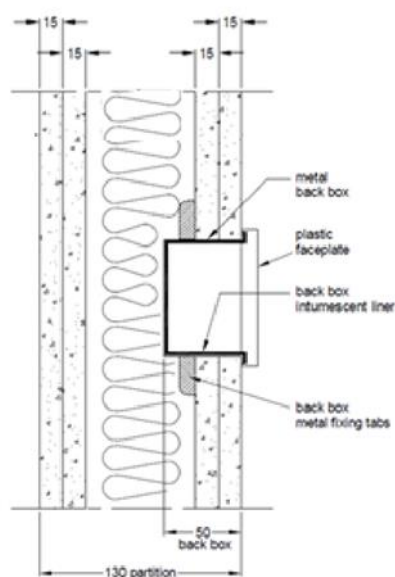


Services	Blazetrap Socket Box (ROBS 2) ¹	Insert	Aperture / min. separation	Cavity Insulation Required ³	Back Box Position in Wall ²	Classification
BASEC electrical cable BS8436 300/500V 4x1.5m ² fitted within a flexible conduit fixed to back box using a Nickel plated brass 90 degree elbow with Flexicon 25mm conduit with PVC coating	2 No. Metallic back-box and face plate, maximum 135 mm wide x 75 mm high x 50 mm deep.	1.5 mm thick, fully lined/moulded to the Metallic back-box	Nominally 137 mm wide x 77mm high / 20 mm	Yes	Flush	EI 120

1. Blazetrap Metal Back Boxes can be fitted flush or recessed to the maximum stated in the above table.
2. Partition must be of the same or higher fire resistance classification in accordance with EN 13501-2 with minimum 2x15mm thick Gypsum boards in accordance with EN520 to both faces.
3. Cavity insulation must be stone wool, minimum 50mm thick minimum 100kg/m³ density.

Penetration Seal: Blazetrap socket boxes, fitted flush with one face of the wall (Blazetrap socket boxes fitted to the opposite face of the wall must be located minimum 200 mm away)

Construction details:



Services	Blazetrap Socket Box (ROBS 1) ¹	Insert	Aperture / min. separation	Cavity Insulation Required ³	Back Box Position in Wall ²	Classification ⁴
BASEC electrical cable BS8436 300/500V 4x1.5m ² fitted within a flexible conduit fixed to back box using a Nickel plated brass 90 degree elbow with Flexicon 25mm conduit with PVC coating	Single switch plug socket Up to 5 No. Metallic back-box and face plate, maximum 75 mm wide x 75 mm high x 50 mm deep.	1.5 mm thick, fully lined/moulded to the Metallic back-box	Nominally 77 mm wide x 77mm high / 20 mm	Yes	Flush	EI 120

1. Blazetrap Metal Back Boxes can be fitted flush or recessed to the maximum stated in the above table.
2. Partition must be of the same or higher fire resistance classification in accordance with EN 13501-2 with minimum 2x15mm thick Gypsum boards in accordance with EN520 to both sides.
3. Cavity insulation must be stone wool, minimum 50mm thick minimum 100kg/m³ dense.
4. Single boxes restricted to EI 90 if no cables are installed.