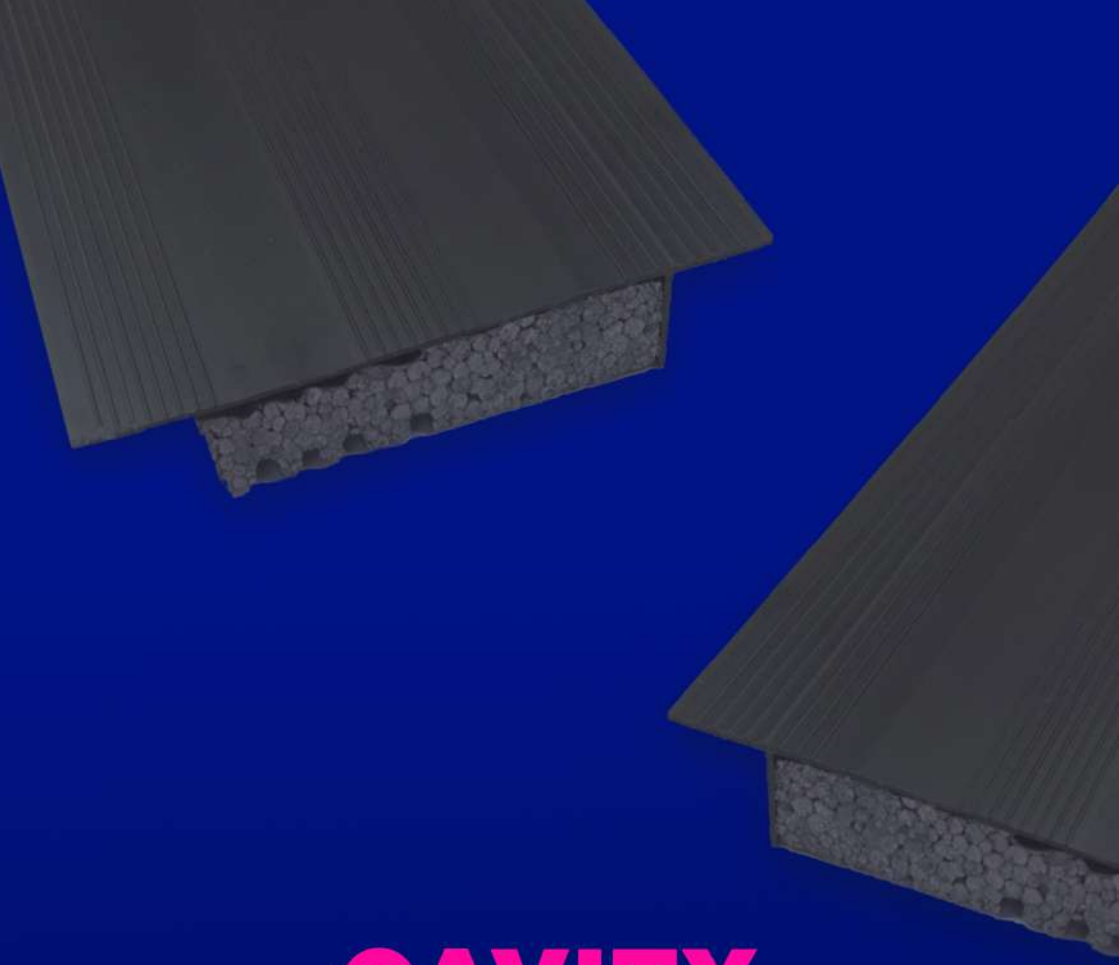


CAVITY CLOSERS, BARRIERS & STOP SOCKS

timloc
building products

CAVITY CLOSERS, BARRIERS & STOP SOCKS

Timloc Building Products is one of the UK's leading manufacturers of building products for the residential market. Based in Howden, East Yorkshire, we design, manufacture and supply building product solutions from ground level right up to the roof ridge. Trust Timloc to deliver with our unrivalled NEXT DAY delivery service with a low carriage paid order value of just £100 to branch or £150 direct to site.

Cavity closers, barriers and stop socks are fundamental elements of any cavity wall to help reduce condensation, cold bridging and mould growth. Cavity closers are predominantly used to close openings, such as doors and windows, in external wall structures. The Timloc range offers thermal, acoustic and fire protection depending on your requirements.

Use the table below to establish which Timloc cavity closer is best suited to your project specification. Alternatively, get in touch with our Technical department who will be happy to assist with your enquiry:

	Thermo-Loc Platinum Multi	Thermo-Loc Platinum +	Thermo-Loc Platinum + FX	Thermo-Loc FR30	Thermo-Loc FR60
Shape	T	C	C FX	C FX	C FX
Fire-Rated	✗	✗	✗	✓	✓
Check Reveal	✗	✓	✓	✓	✓
Profile	50 - 100 single 100 - 150 single	50 - 100 single 105 - 150 double	50 - 100 single 105 - 150 double	50 - 100 single 105 - 300 doube	50 - 100 single 105 - 150 single
Length	2.4m	2.4m	2.4m	2.4m	2.4m
Thickness	20mm	25mm	25mm	25mm	30mm
Multi Option	✓ up to 150mm	✓ up to 100mm	✓ up to 100mm	✗	✗
Building Reg. Parts C & L Compliant	✓	✓	✓	✓	✓

T: 01405 765 567 **E:** sales@timloc.co.uk **W:** www.timloc.co.uk **Technical** | **T:** 01405 782 769 **E:** technical@timloc.co.uk

The THERMO-**LOC** range is designed to lock warmth inside a building. Thermo-loc offers greater protection against the risk of condensation, at a lower material thickness, when compared to standard cavity closers.

THERMO-LOC Platinum Multi

Single Profile 50 - 100mm

Single Profile 100 - 150mm

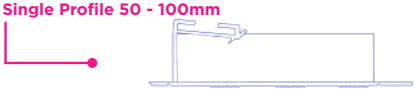
THERMO-LOC Platinum+

Single Profile 50 - 100mm

Double Profile 105 - 150mm

THERMO-LOC Platinum+ FX

Single Profile 50 - 100mm



Double Profile 105 - 150mm

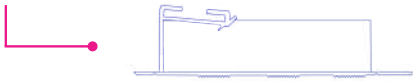
THERMO-LOC FR30

Single Profile 50 - 100mm

Double Profile 105 - 300mm

THERMO-LOC FR60

Single Profile 50mm - 100mm



Single Profile 105mm - 150mm

THERMO-LOC

Platinum Multi

Cavity closers for eliminating damp and cold bridging around doors, windows and sills

Use

- To close the cavity at external doors, window jambs and sills
- To provide thermal insulation and prevent 'cold bridging'
- To provide a DPC at external doors, window jambs or sills
- Suitable for cavities up to 150mm

Features and benefits

- Provides an effective DPC and thermal barrier between frame, inner and outer wall leaf
- Thermal conductivity of 0.031W/mk
- Exceeds the minimum thermal resistance path of 0.45m2 K/W stipulated in accredited construction details
- Rigid profile extrusion allows second fix
- Durable and resistant to decay
- Simple on-site trimming to cope with 'rogue' cavity widths
- Global warming potential of less than 5
- Ozone depletion potential of zero

Quality

- Manufactured to BS EN ISO 9001 and BS EN ISO 14001
- Complies with Building Regulation Approved Documents C, L1 & L2
- Satisfies BRE document 'Thermal insulation: avoiding risks'
- Meets all relevant British Standards
- Satisfies NHBC standards

Material and colour choice

- Rigid profile extruded in UPVC
- Platinum expanded Polystyrene insulation 0.031W/mk
- Multi 100mm & Multi 150mm cavities
- 2.4m lengths

How to order

- Establish the cavity width and select the correct cavity closer width to ensure the cavity can be closed
- In jamb and sill applications, first estimate the total length of cavity closer required, then order the correct number of individual 2.4 metre lengths so no joint pieces

Installation advice

- The accredited construction detail published by DCLG require a minimum overlap of 30mm between the window frame and cavity closer
- Cut into required lengths allowing the jamb section to overlap the sill section by cutting away parts of the fixing flange and butt the underside of the lintel
- For second fix applications, the cavity closer is pushed into the open cavity after building work is complete. The compressible nature of the exposed insulation material is used to create a friction fit in the cavity, alternatively the insulation can be trimmed to fit using a sharp knife
- Fixing nails to the flanges are recommended to ensure a secure fit

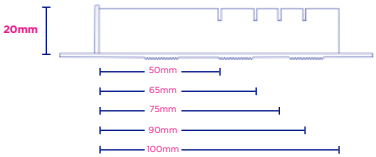
Technical considerations

- BRE Document 'Thermal insulation: avoiding risks' stipulate "When a window or door frame is set back behind the inner face of a dense outer masonry leaf, it should overlap an insulated closer by a minimum of 30mm for BRE exposure zones Sheltered to Severe; but fully rebated for zones Very Severe".
- With reference to insulation, the products in this range do not use, contain or produce Urea Formaldehyde, CFC's or indeed any of the so called soft CFC's, ie. HCFC's & HFA's. They have an ozone depletion potential of zero and global warming potential of less than 5 and complies with BS EN 13163.

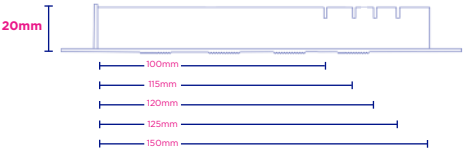
Thermo-loc Platinum Multi 100

Thermo-loc Platinum Multi 150

Standard Profile Multi 100 | 50mm - 100mm cavities



Standard Profile Multi 150 | 100mm - 150mm cavities



Bill of quantity

F30 Accessories/sundry items for brick/block/stone walling window jambs and sills

Clause 180 | CAVITY CLOSURES FOR CLOSING AROUND WINDOW & DOOR OPENINGS

- To extend not less than 150mm beyond ends of lintels/bridgings.
- Manufacturer: Timloc Building Products, Ozone Park, Howden, East Yorks. DN14 7SD. T: 01405 765 567 W: www.timloc.co.uk
- Reference: eg. CC2.4PPS/Multi100 (Thermo-loc Platinum Multi, Expanded Polystyrene, 2.4m, multi cavity up to 100mm)

Product codes

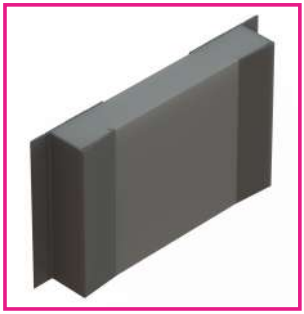
Thermo-loc Platinum Multi

Product code	Description	Cavity width	Length	Pack quantity	Lead time
CC2.4PPS/MULTI100	Thermo-loc Platinum Multi 50-100mm	50-100mm	2.4m	10	Next working day
CC2.4PPS/MULTI150	Thermo-loc Platinum Multi 100-150mm	100-150mm	2.4m	10	Next working day

THERMO-LOC

Platinum +

Cavity closers for eliminating damp and cold bridging around doors, windows and sills



Thermo-loc Platinum + Single Profile

Use

- To close the cavity at external doors, window jambs and sills
- To provide thermal insulation and prevent 'cold bridging'
- To provide a DPC at external doors, window jambs or sills
- Suitable for cavities up to 150mm

Features and benefits

- Provides an effective DPC and thermal barrier between frame, inner and outer wall leaf
- Thermal conductivity of 0.031W/m²k
- Exceeds the minimum thermal resistance path of 0.45m2 K/W stipulated in accredited construction details
- Rigid profile extrusion allows second fix
- Durable and resistant to decay
- Simple on-site trimming to cope with 'rogue' cavity widths
- Global warming potential of less than 5
- Ozone depletion potential of zero
- Available fully rebated - Check reveal (single flange)

Quality

- Manufactured to BS EN ISO 9001 and BS EN ISO 14001
- Complies with Building Regulation Approved Documents C, L1 & L2
- Satisfies BRE document 'Thermal insulation: avoiding risks'
- Meets all relevant British Standards
- Satisfies NHBC standards

Material and colour choice

- Rigid profile extruded in UPVC
- Platinum expanded Polystyrene insulation 0.031W/mk
- Multi 100mm, Multi 100mm CR and fixed cavities
- 2.4m lengths

Installation advice

- The accredited construction detail published by DCLG require a minimum overlap of 30mm between the window frame and cavity closer
- Cut the cavity closer into the required lengths allowing the jamb section to overlap the sill section by cutting away parts of the fixing flange and to butt the underside of the lintel.
- For second fix applications, the cavity closer is pushed into the open cavity after building work is complete. The compressible nature of the exposed insulation material is used to create a friction fit in the cavity, or alternatively the insulation can be trimmed to fit using a sharp knife
- Fixing nails to the flanges are recommended to ensure a secure fit
- Cavity insulation should butt tightly to the cavity closer

Single Profile | 50mm - 100mm cavities

Double Profile | 105mm - 150mm cavities

Technical considerations

- BRE Document 'Thermal insulation: avoiding risks' stipulate "When a window or door frame is set back behind the inner face of a dense outer masonry leaf, it should overlap an insulated closer by a minimum of 30mm for BRE exposure zones Sheltered to Severe; but fully rebated (check reveals) for zones Very Severe"
- With reference to insulation, the products in this range do not use, contain or produce Urea Formaldehyde, CFC's or indeed any of the so called soft CFC's, ie. HCFC's & HFA's. They have an ozone depletion potential of zero and global warming potential of less than 5 and complies with BS EN 13163.

How to order

- Establish the cavity width and select the correct cavity closer width to ensure the cavity can be closed
- In jamb and sill applications, estimate the total length of cavity closer required and order the correct number of 2.4 metre lengths ensuring no joint pieces

Bill of quantity

F30 Accessories/sundry items for brick/block/stone walling window jambs and sills

Clause 180 | CAVITY CLOSURES FOR CLOSING AROUND WINDOW & DOOR OPENINGS

- To extend not less than 150mm beyond ends of lintels/bridgings.
- Manufacturer: Timloc Building Products, Ozone Park, Howden, East Yorks. DN14 7SD. T: 01405 765567 W: www.timloc.co.uk
- Reference: eg. PP2.4/50 (Thermo-loc Platinum+, Expanded Polystyrene, 2.4m, 50mm)

Product codes

Thermo-loc Platinum +

Product code	Description	Cavity width	Length	Pack quantity	Lead time
PP2.4/50	Thermo-loc Platinum +	50mm	2.4m	10	Next working day
PP2.4/75	Thermo-loc Platinum +	75mm	2.4m	10	Next working day
PP2.4/90	Thermo-loc Platinum +	90mm	2.4m	10	Next working day
PP2.4/100	Thermo-loc Platinum +	100mm	2.4m	10	Next working day
PP2.4/100MULTI	Thermo-loc Platinum +	50-100mm	2.4m	10	Next working day
PP2.4/120	Thermo-loc Platinum +	120mm	2.4m	10	7-10 working days
PP2.4/125	Thermo-loc Platinum +	125mm	2.4m	10	Next working day
PP2.4/130	Thermo-loc Platinum +	130mm	2.4m	10	7-10 working days
PP2.4/150	Thermo-loc Platinum +	150mm	2.4m	10	Next working day
PP2.4/CR100MULTI	Thermo-loc Platinum + CR	50-100mm	2.4m	10	7-10 working days

THERMO-LOC

Platinum + FX

Universal closers for eliminating damp and cold bridging around doors, windows and sills

Thermo-loc Platinum+ FX

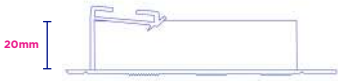
Use

- To close the cavity at external doors, window jambs and sills
- To provide thermal insulation and prevent 'cold bridging'
- To provide a DPC at external doors, window jambs or sills
- Suitable for cavities up to 150mm

Features and benefits

- Provides an effective DPC and thermal barrier between frame, inner and outer wall leaf
- Thermal conductivity of 0.031W/mk
- Exceeds the minimum thermal resistance path of 0.45m2 K/W stipulated in accredited construction details
- Rigid profile extrusion allows first and second fix
- Durable and resistant to decay
- Simple on-site trimming to cope with 'rogue' cavity widths
- Global warming potential of less than 5
- Ozone depletion potential of zero
- Available fully rebated - Check reveal (single flange)

Single Profile | 50mm - 100mm cavities



Double Profile | 105mm - 150mm cavities

Quality

- Manufactured to BS EN ISO 9001 and BS EN ISO 14001
- Complies with Building Regulation Approved Documents C, L1 & L2
- Satisfies BRE document 'Thermal insulation: avoiding risks'
- Meets all relevant British Standards
- Satisfies NHBC standards

Material and colour choice

- Rigid profile extruded in UPVC
- Platinum expanded Polystyrene insulation 0.031W/mk
- Multi 100mm, Multi 100mm CR and fixed cavities
- 2.4m lengths

How to order

- Establish the cavity width and select the correct cavity closer width to ensure the cavity can be closed
- In jamb and sill applications, first estimate the total length of cavity closer required, then order the correct number of individual 2.4 metre lengths so no joint pieces

Installation advice

- The accredited construction detail published by DCLG require a minimum overlap of 30mm between the window frame and cavity closer
- Cut the cavity closer into the required lengths allowing the jamb section to overlap the sill section by cutting away parts of the fixing flange and to butt the underside of the lintel
- For second fix applications, the cavity closer is pushed into the open cavity after building work is complete. The compressible nature of the exposed insulation material is used to create a friction fit in the cavity, or alternatively the insulation can be trimmed to fit using a sharp knife
- Fixing nails to the flanges are recommended to ensure a secure fit
- Cavity insulation should butt tightly to the cavity closer

THERMO-LOC

Platinum + FX

Universal closers for eliminating damp and cold bridging around doors, windows and sills

Thermo-loc Platinum+ FX Multi

Technical considerations

- BRE Document 'Thermal insulation: avoiding risks' stipulate "When a window or door frame is set back behind the inner face of a dense outer masonry leaf, it should overlap an insulated closer by a minimum of 30mm for BRE exposure zones Sheltered to Severe; but fully rebated (check reveals) for zones Very Severe"
- With reference to insulation, the products in this range do not use, contain or produce Urea Formaldehyde, CFC's or indeed any of the so called soft CFC's, ie. HCFC's & HFA's. They have an ozone depletion potential of zero and global warming potential of less than 5 and complies with BS EN 13163.

Bill of quantity

F30 Accessories/sundry items for brick/block/stone walling window jambs and sills

Clause 180 | CAVITY CLOSURES FOR CLOSING AROUND WINDOW & DOOR OPENINGS

- To extend not less than 150mm beyond ends of lintels/bridgings.
- Manufacturer: Timloc Building Products, Ozone Park, Howden, East Yorks. DN14 7SD. T: 01405 765567 W: www.timloc.co.uk
- Reference: eg. CC2.4 PPS/Multi (Thermo-loc Platinum+ FX, Expanded Polystyrene, 2.4m, multi cavity)

Product codes

Thermo-loc Platinum + FX

Product code	Description	Cavity width	Length	Pack quantity	Lead time
FX2.4/50	Thermo-loc Platinum + FX	50mm	2.4m	10	Next working day
FX2.4/75	Thermo-loc Platinum + FX	75mm	2.4m	10	Next working day
FX2.4/90	Thermo-loc Platinum + FX	90mm	2.4m	10	Next working day
FX2.4/100	Thermo-loc Platinum + FX	100mm	2.4m	10	Next working day
FX2.4/120	Thermo-loc Platinum + FX	120mm	2.4m	10	7-10 working days
FX2.4/125	Thermo-loc Platinum + FX	125mm	2.4m	10	Next working day
FX2.4/130	Thermo-loc Platinum + FX	130mm	2.4m	10	7-10 working days
FX2.4/150	Thermo-loc Platinum + FX	150mm	2.4m	10	Next working day
FX2.4/100MULTI	Thermo-loc Platinum + FX Multi	100-150mm	2.4m	10	Next working day
FX2.4/CR50	Thermo-loc Platinum + FX CR	50mm	2.4m	10	7-10 working days
FX2.4/CR100	Thermo-loc Platinum + FX CR	100mm	2.4m	10	7-10 working days
FX2.4/CR125	Thermo-loc Platinum + FX CR	125mm	2.4m	10	7-10 working days
FX2.4/CR150	Thermo-loc Platinum + FX CR	150mm	2.4m	10	7-10 working days
FX2.4/CR100MULTI	Thermo-loc Platinum + FX CR Multi	50-100mm	2.4m	10	7-10 working days
CCFIX	Fixing ties - 100 pack	-	-	100	Next working day
CCFIX30	Fixing ties - 30 pack	-	-	30	Next working day

THERMO-LOC

FR30

30-minute fire rated cavity closer

Fire rated barriers for eliminating damp and cold bridging around doors, windows and sills

Thermo-loc FR30 Single Profile

Use

- To close the cavity at external doors, window jambs and sills
- To provide thermal insulation and prevent 'cold bridging'
- To provide a DPC at external doors, window jambs or sills
- 30 minutes fire rating and minimum 15 minutes insulation
- Suitable for cavities up to 300mm
- Suitable for timber and masonry walls

Features and benefits

- Provides an effective DPC and thermal barrier between frame, inner and outer wall leaf
- Thermal conductivity of 0.036W/mK
- Exceeds the minimum thermal resistance path of 0.45m2K/W stipulated in 'Part L' accredited construction details
- Rigid profile extrusion allows both first and second fix
- Suitable for all frame and sill positions (see fig.1)
- Durable and resistant to decay
- Insulation option to suit your requirements both thermal and fire rated
- Global warming potential of zero
- Ozone depletion potential of zero
- Available fully rebated - Check reveal (single flange)

Quality

- Independently tested by Warrington Fire
- LABC Registered Detail
- Satisfies NHBC Standards
- Manufactured to BS EN ISO 9001 and BS EN ISO 14001
- Complies with Building Regulation Approved Documents C, B, L1 & L2
- Complies with 'Part L' accredited construction details
- Complies with the Scottish Building Standards 'Technical handbook'
- Satisfies BRE document 'Thermal insulation: avoiding risks'
- Meets all relevant British Standards

Material and colour choice

- Rigid profile extruded in white UPVC
- Supplied in 2.4 metre lengths
- Standard cavity options available 50mm - 300mm
- Rockfibre mineral wool (FR) insulation 0.036W/mk

Installation advice

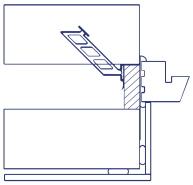
- Can be used in both first and second fix applications
- Cut the cavity closer into required lengths allowing the jamb section to overlap the sill section and to butt the underside of the lintel
- In first fix application the cavity barrier should be nailed to the jamb/sill of the door or window frame and the whole assembly built in as work proceeds. Alternatively the barrier can be built in sections using fixing ties as work proceeds.
- For second fix applications, the cavity closer is pushed into the open cavity after building work is complete. The compressible nature of the exposed insulation material is used to create a friction fit in the cavity, secure nail fixing is required.
- Joining 'off cut' sections should not be carried out for the FR range

Single Profile | 50mm - 100mm cavities

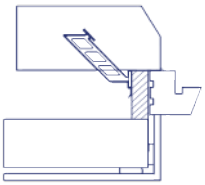
Double Profile | 105mm - 300mm cavities

Fig.1

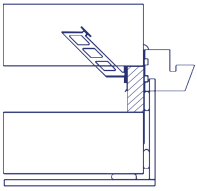
Flush jamb



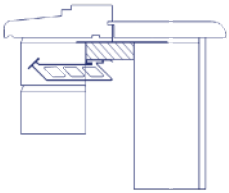
Fully rebated Check reveal



Staggered jamb



Sill detail



Cavity barriers for fully rebated / check reveals also available

THERMO-LOC

FR30

30-minute fire rated cavity closer

Fire rated barriers for eliminating damp and cold bridging around doors, windows and sills

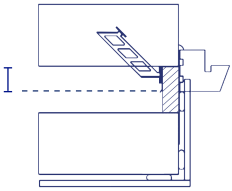
Thermo-loc FR30 Double Profile

How to order

- Establish the cavity width and select the correct cavity closer width, or the next size up to ensure the cavity can be closed
- In jamb and sill applications, first estimate the total length of cavity barrier required, then order the correct number of individual 2.4 metre lengths so no joint pieces
- Fixing ties are available for secure fixing if required (particular attention around door openings). Allow for ties fitted at 450mm centres

Fig. 2

At least 30mm overlap to window frame



Technical considerations

- BRE Document 'Thermal insulation: avoiding risks' and Robust Details stipulate: "When a window or door frame is set back behind the inner face of a dense outer masonry leaf, it should overlap an insulated closer by a minimum of 30mm for BRE exposure zones Sheltered to Severe; but fully rebated (check reveals for zones Very Severe'' (see Fig.2)
- With reference to insulation, the products in this range do not use, contain or produce Urea Formaldehyde, CFC's or indeed any of the so called soft CFC's, ie. HCFC's & HFA's. They conform to the Montreal Protocol and have an ozone depletion potential of zero and global warming potential of zero.

Bill of quantity

F30 Accessories/sundry items for brick/block/stone walling

Clause

180 | CAVITY CLOSURES FOR CLOSING AROUND WINDOW & DOOR OPENINGS

- To extend not less than 150mm beyond ends of lintels/bridgings.
- Manufacturer: Timloc Building Products, Timloc House, Ozone Park, Howden, East Yorks. DN14 7SD. T: 01405 765567, W: www.timloc.co.uk
- Reference:.....eg. CC2.4 FR/75 (Thermo-loc FR30, 2.4m, 75mm cavity)
- Accessories: Fixing ties available, 6 No. per 2.4m cavity barrier.

Product codes

Thermo-loc 30-minute fire-rated cavity barriers

Product code	Description	Cavity width	Length	Pack quantity	Lead time
CC2.4 FR/50	Thermo-loc FR30	50mm	2.4m	10	Next working day
CC2.4 FR/65	Thermo-loc FR30	65mm	2.4m	10	Next working day
CC2.4 FR/75	Thermo-loc FR30	75mm	2.4m	10	Next working day
CC2.4 FR/90	Thermo-loc FR30	90mm	2.4m	10	Next working day
CC2.4 FR/100	Thermo-loc FR30	100mm	2.4m	10	Next working day
CC2.4FR/125	Thermo-loc FR30	125mm	2.4m	10	Next working day
CC2.4FR/150	Thermo-loc FR30	150mm	2.4m	10	Next working day
CC2.4FR/160	Thermo-loc FR30	160mm	2.4m	10	7-10 working days
CC2.4FR/170	Thermo-loc FR30	170mm	2.4m	10	7-10 working days
CC2.4FR/180	Thermo-loc FR30	180mm	2.4m	10	7-10 working days
CC2.4FR/190	Thermo-loc FR30	190mm	2.4m	10	7-10 working days
CC2.4FR/200	Thermo-loc FR30	200mm	2.4m	5	7-10 working days
CC2.4FR/210	Thermo-loc FR30	210mm	2.4m	5	7-10 working days
CC2.4FR/220	Thermo-loc FR30	220mm	2.4m	5	7-10 working days
CC2.4FR/230	Thermo-loc FR30	230mm	2.4m	5	7-10 working days
CC2.4FR/240	Thermo-loc FR30	240mm	2.4m	5	7-10 working days
CC2.4FR/250	Thermo-loc FR30	250mm	2.4m	5	7-10 working days
CC2.4FR/260	Thermo-loc FR30	260mm	2.4m	5	7-10 working days
CC2.4FR/270	Thermo-loc FR30	270mm	2.4m	5	7-10 working days
CC2.4FR/280	Thermo-loc FR30	280mm	2.4m	5	7-10 working days
CC2.4FR/290	Thermo-loc FR30	290mm	2.4m	5	7-10 working days
CC2.4FR/300	Thermo-loc FR30	300mm	2.4m	5	7-10 working days
CCFIX	Fixing ties - 100 pack	-	-	100	Next working day
CCFIX30	Fixing ties - 30 pack	-	-	30	Next working day

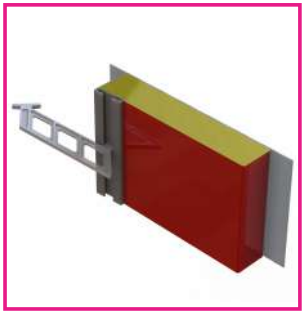
NB. Non standard cavity size to special order

THERMO-LOC

FR60

60-minute fire-rated cavity closer

Fire rated barriers for eliminating damp and cold bridging around doors, windows and sills



Thermo-loc FR60 100mm Profile

Use

- To close the cavity at external doors, window jambs and sills
- To provide thermal insulation and prevent 'cold bridging'
- To provide a DPC at external doors, window jambs or sills
- 60 minutes fire rating and minimum 15 minutes insulation
- Suitable for cavities up to 150mm
- Suitable for timber and masonry walls

Features and benefits

- Provides an effective DPC and thermal barrier between frame, inner and outer wall leaf
- Thermal conductivity of 0.036W/mK
- Exceeds the minimum thermal resistance path of 0.45m2K/W stipulated in 'Part L' accredited construction details
- Rigid profile extrusion allows both first and second fix
- Suitable for all frame and sill positions (see Fig.1)
- Durable and resistant to decay
- Insulation option to suit your requirements both thermal and fire rated
- Global warming potential of zero
- Ozone depletion potential of zero
- Available fully rebated - Check reveal (single flange)

Quality

- Independently tested by Warrington Fire
- LABC Registered Detail
- Satisfies NHBC Standards
- Manufactured to BS EN ISO 9001 and BS EN ISO 14001
- Complies with Building Regulation Approved Documents C, B, L1 & L2
- Complies with 'Part L' accredited construction details
- Complies with the Scottish Building Standards 'Technical handbook'
- Satisfies BRE document 'Thermal insulation: avoiding risks'
- Meets all relevant British Standards

Material and colour choice

- Rigid profile extruded in white UPVC
- Supplied in 2.4 metre lengths
- Standard cavity options available 50mm - 150mm
- Rockfibre mineral wool (FR) insulation 0.036W/mk

Installation advice

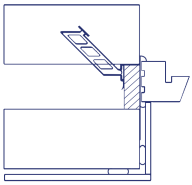
- Can be used in both first and second fix applications
- Cut the cavity closer into required lengths allowing the jamb section to overlap the sill section and to butt the underside of the lintel
- In first fix application the cavity barrier should be nailed to the jamb/sill of the door or window frame and the whole assembly built in as work proceeds. Alternatively the barrier can be built in sections using fixing ties as work proceeds.

Single Profile | 50mm - 100mm cavities

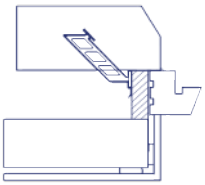
Single Profile | 105mm - 150mm cavities

Fig.1

Flush jamb

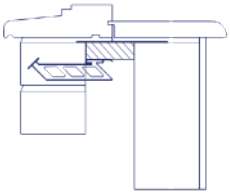


Fully rebated Check reveal



Cavity barriers for fully rebated / check reveals also available

Sill detail



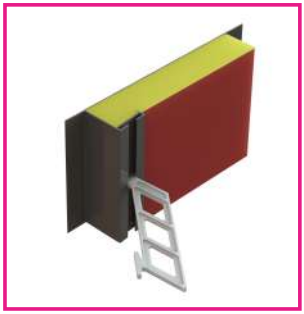
- For second fix applications, the cavity barrier is pushed into the open cavity after building work is complete. The compressible nature of the exposed insulation material is used to create a friction fit in the cavity, secure nail fixing is required.
- Joining 'off cut' sections should not be carried out for the FR range

THERMO-LOC

FR60

60-minute fire rated cavity closer

Fire rated barriers for eliminating damp and cold bridging around doors, windows and sills



Thermo-loc FR60 150mm Profile

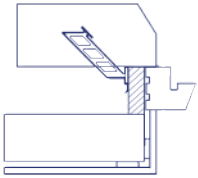
How to order

- Establish the cavity width and select the correct cavity barrier width, or the next size up to ensure the cavity can be closed
- In jamb and sill applications, first estimate the total length of cavity barrier required, then order the correct number of individual 2.4 metre lengths so limiting joint pieces
- Fixing ties are available for secure fixing if required (particular attention around door openings). Allow for ties fitted at 450mm centres

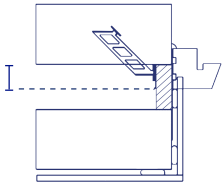
Technical considerations

- BRE Document 'Thermal insulation: avoiding risks' and Robust Details stipulate: "When a window or door frame is set back behind the inner face of a dense outer masonry leaf, it should overlap an insulated closer by a minimum of 30mm for BRE exposure zones Sheltered to Severe; but fully rebated (check reveals for zones Very Severe" (see Fig.2)
- With reference to insulation, the products in this range do not use, contain or produce Urea Formaldehyde, CFC's or indeed any of the so called soft CFC's, ie. HCFC's & HFA's. They conform to the Montreal Protocol and have an ozone depletion potential of zero and global warming potential of zero.

Fig. 2
Fully rebated (check reveal)



Staggered jamb



Bill of quantity

F30 Accessories/sundry items for brick/block/stone walling

Clause

180 | CAVITY CLOSURES FOR CLOSING AROUND WINDOW & DOOR OPENINGS

- To extend not less than 150mm beyond ends of lintels/bridgings.
- Manufacturer: Timloc Building Products, Timloc House, Ozone Park, Howden, East Yorks. DN14 7SD. T: 01405 765567, W: www.timloc.co.uk
- Reference:.....eg. FR60/50 (Thermo-loc FR60, 2.4m, 50mm cavity)
- Accessories: Fixing ties available, 6 No. per 2.4m cavity barrier.

Product codes

Thermo-loc 60-minute fire-rated cavity barriers

Product code	Description	Cavity width	Length	Pack quantity	Lead time
FR60/50	Thermo-loc FR60	50mm	2.4m	5	Next working day
FR60/65	Thermo-loc FR60	65mm	2.4m	5	7-10 working days
FR60/75	Thermo-loc FR60	75mm	2.4m	5	7-10 working days
FR60/90	Thermo-loc FR60	90mm	2.4m	5	7-10 working days
FR60/100	Thermo-loc FR60	100mm	2.4m	5	Next working day
FR60/125	Thermo-loc FR60	125mm	2.4m	5	Next working day
FR60/150	Thermo-loc FR60	150mm	2.4m	5	Next working day
FR60/CR50	Thermo-loc FR60 CR	50mm	2.4m	5	7-10 working days
FR60/CR65	Thermo-loc FR60 CR	65mm	2.4m	5	7-10 working days
FR60/CR75	Thermo-loc FR60 CR	75mm	2.4m	5	7-10 working days
FR60/CR90	Thermo-loc FR60 CR	90mm	2.4m	5	7-10 working days
FR60/CR100	Thermo-loc FR60 CR	100mm	2.4m	5	7-10 working days
FR60/CR125	Thermo-loc FR60 CR	125mm	2.4m	5	7-10 working days
FR60/CR150	Thermo-loc FR60 CR	150mm	2.4m	5	7-10 working days
CCFIX	Fixing ties - 100 pack	-	-	100	Next working day
CCFIX30	Fixing ties - 30 pack	-	-	30	Next working day

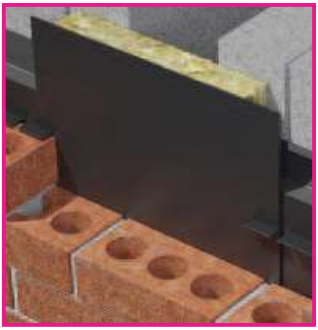
NB. Non standard cavity size to special order

THERMO-LOC

Vertical cavity barrier

Fire-rated acoustic cavity barrier and DPC

Also available to suit cavity widths of up to 300mm



Use

- Effectively reduces the transmission of flanking noise at party wall and external wall junctions
- As a fire stop with integrated DPC

Features and benefits

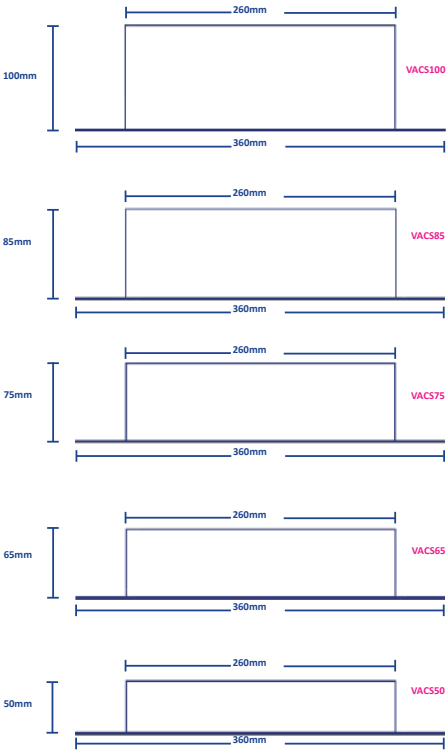
- The Thermo-loc vertical cavity barrier has been developed to offer vertical protection in minimising flanking noise transmission along the cavity of an external cavity wall at the intersection of a party wall. The product also operates fully as an effective fire barrier and in conjunction with the polythene DPC has no risk of water penetration.
- Where a party wall meets the cavity wall, Building Regulations stipulate the use of a mineral wool closer for sound insulation purposes. The NHBC requires that any such closer is protected by a suitable DPC. The product has been developed to meet these requirements.
- Complies with Building Regulations Part E & B
- Excellent sound insulation properties
- As a fire stop achieves 4 hours (240 minutes) fire integrity to BS 476 Part 20:1987
- Cavity options available
- Self supported by compression fit
- Easily installed

Quality

- Satisfies all NHBC requirements
- Complies with Building Regulations Part E 'Resistance to the passage of sound'
- Complies with Building Regulations Part B 'Internal fire spread (structure)'
- Complies with Robust Details

Material and colour choice

- Manufactured with BS6515 Polythene DPC
- Supplied in 1.2 metre lengths
- Cavity options available
- Rockfibre insulation slab
- 260mm width insulation



THERMO-LOC

Vertical cavity barrier

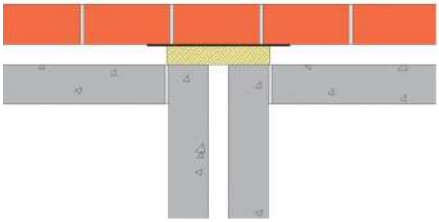
Fire-rated acoustic cavity barrier and DPC

Also available to suit cavity widths of up to 300mm

Installation advice

- Installation must follow good practice for the detailing of damp proof courses, as set out in the relevant clauses of BS 5628: Part 3, BS 8215 and BS 8000: Part 3.
- The product should be built in as brickwork/block work proceeds.
- The DPC projects beyond the insulation by 50mm on each side and should be installed to compress against the inside face of the outer leaf.
- Supplied in 1.2mtr lengths of insulation with an additional 100mm overlap of DPC and to cavity size required. Units easily cut on site for detailing.
- Where more than one length is required, joining lengths is by simply butt jointing together. The upper piece must be installed with the 100mm DPC extension at the bottom, lapping to the outside of the lower piece ensuring a tight butt joint of the insulation.
- Vertical protection is given without breaks at floor level
- Due to the flexible nature of the rockfibre insulation some local delaminating may occur during site handling or installation.
- This does not detract from the performance of the product.

Junction between external cavity wall and party wall



Bill of quantity

F30 Accessories/sundry items for brick/block/stone walling

Clause

370 | PREFORMED CAVITY TRAY / ACCESSORIES

- Manufacturer: Timloc Building Products, Timloc House, Ozone Park, Howden, East Yorks. DN14 7SD. T: 01405 765567, W: www.timloc.co.uk
- Type(s) and location(s): Fire-rated acoustic cavity barrier & dpc to be installed vertically as work proceeds. Position vertically where a party wall meets the cavity wall, supplied in 1.2 mtr lengths and butt jointed.
- Reference: VACS Range
- Options:

VACS50 – 50mm cavity
VACS65 – 65mm cavity
VACS75 – 75mm cavity
VACS85 – 85mm cavity
VACS100 – 100mm cavity

Product codes

Thermo-loc vertical cavity barrier

Product code	To suit cavity size	Length	Dimensions
VACS50	50mm cavity	1.2m	360 x 260 x 50mm
VACS65	65mm cavity	1.2m	360 x 260 x 65mm
VACS75	75mm cavity	1.2m	360 x 260 x 75mm
VACS85	85mm cavity	1.2m	360 x 260 x 85mm
VACS100	100mm cavity	1.2m	360 x 260 x 100mm
VACS125	125mm cavity	1.2m	360 x 260 x 125mm

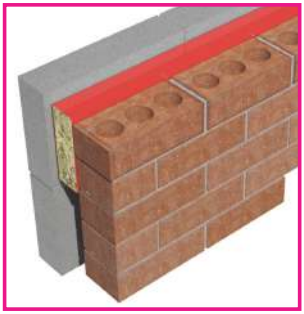
THERMO-LOC

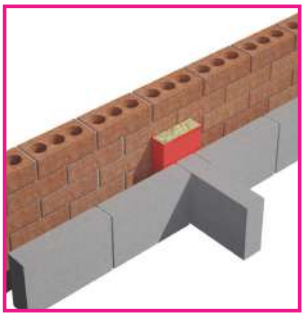
FRSTOP

Also available to suit cavity widths of up to 300mm

Fire-rated cavity stop sock

Fire-rated thermal and acoustic cavity stop sock





Use

- To restrict the spread of smoke and flames within external masonry
- To further minimise the effect of flanking noise pollution at wall junctions

Features and benefits

- FRstop cavity stop socks are lengths of low resin, non-combustible, rockfibre mineral wool sleeved in 50 micron polythene for on-site weather protection
- 4 hour fire integrity
- Polythene encapsulated cavity stop sock
- Available in standard widths of 50, 75, 85, 90, 100, 115, 125 and 150mm
- Special cavity widths are available on request
- Meets the requirements of the Robust Detail, Part B and NHBC Standards

Quality

- Satisfies all NHBC requirements
- Complies with all relevant Building Regulations
- Meets all relevant British Standards
- Non-combustible to BS476 : Part 4 1970 (1984) Class 1
- Surface spread of flame to BS476 part 7 1987
- Class O to the Building Regulations

Material and colour choice

- Manufactured using rockwool mineral wool
- Rockfibre uses no CFC's, HCFC's in the manufacturing process
- Thermal conductivity of Rockfibre insulation 0.037w/mK

Installation advice

- FRstop is designed to friction fit within the cavity and is easily installed both vertically and horizontally into the cavity during construction. Care should be taken to ensure butt joints are closely fitted and the cavity sock fully fills the cavity.
- This method should be incorporated with a preformed horizontal cavity tray (refer to Technical Department for appropriate type) and proprietary wall weep vents (Timloc product code 1143) at 900mm centres to prevent water ingress from bridging the cavity.

How to order

- To calculate quantities divide the overall length of the required cavity wall run by 1.2m, allow an additional unit for each corner for cutting. Always round up to the next whole number
- Determine and stipulate the cavity width that the Acoustop needs to suit

Bill of quantity

F30 Accessories/sundry items for brick/block/stone walling
Clause
370 PREFORMED CAVITY TRAY / ACCESSORIES

- Manufacturer: Timloc Building Products, Timloc House, Ozone Park, Howden, East Yorks. DN14 7SD. T: 01405 765567 W: www.timloc.co.uk
- Types(s) and location(s): FRstop - thermal and acoustic fire stops to be installed vertically and horizontally as work proceeds. Position where a party wall meets the cavity wall or at floor levels, supplied in 1.2m lengths and butt jointed.
- Reference: ACSS Range
- Options: ACSS50 – 50mm cavity
- ACSS75 – 75mm cavity

ACSS85 – 85mm cavity
ACSS90 – 90mm cavity
ACSS100 – 100mm cavity
ACSS115 – 115mm cavity
ACSS125 – 125mm cavity
ACSS150 – 150mm cavity

Product codes

FRstop cavity stop sock

Product code	To suit cavity width	Dimensions	Fire integrity
ACSS50	50mm	65 x 65 x 1200mm	4 hour
ACSS75	75mm	90 x 75 x 1200mm	4 hour
ACSS85	85mm	100 x 100 x 1200mm	4 hour
ACSS90	90mm	105 x 120 x 1200mm	4 hour
ACSS100	100mm	120 x 100 x 1200mm	4 hour
ACSS115	115mm	130 x 100 x 1200mm	4 hour
ACSS125	125mm	140 x 100 x 1200mm	4 hour
ACSS150	150mm	150 x 100 x 1200mm	4 hour

THERMO-LOC
FRSTOP

Fire-rated cavity stop sock for timber frame construction

Fire-rated thermal and acoustic cavity stop sock

Use

- To restrict the spread of smoke and flames within external masonry
- To further minimise the effect of flanking noise pollution at wall junctions

Features and benefits

- FRstop cavity stop socks are lengths of low resin, non-combustible, rockfibre mineral wool, sleeved in 50 micron polythene for on-site weather protection
- 1 hour fire integrity
- Polythene encapsulated cavity stop sock
- Available in standard widths of 50, 75, 100, 125 and 150mm
- Special cavity widths are available on request
- Meets the requirements of the Robust Detail, Part B and NHBC Standards
- Flanged stopsock for timber frame applications

Quality

- Satisfies all NHBC requirements
- Complies with all relevant Building Regulations
- Meets all relevant British Standards
- Non-combustible to BS476 : Part 4 1970 (1984) Class 1
- Surface spread of flame to BS476 part 7 1987
- Class O to the Building Regulations

Material and colour choice

- Manufactured using rockwool mineral wool
- Rockfibre uses no CFC's, HCFC's in the manufacturing process
- Thermal conductivity of Rockfibre insulation 0.037w/mK

Installation advice

- FRstop must be compressed and friction fit with timber frame and fixed through flange. For vertical applications both flanges are fixed to timber frame. For horizontal applications only the top flange should be fixed. Fix flanges using clout nails at 150mm centres.
- The plastic coating only offers weather resistance and offers no application performance. Any joints should be tightly butted together with no gaps. The stop sock must fill the whole cavity width and cavity insulation worked around

Bill of quantity

F30 Accessories/sundry items for brick/block/stone walling
Clause
370 | PREFORMED CAVITY TRAY / ACCESSORIES

- Manufacturer: Timloc Building Products, Timloc House, Ozone Park, Howden, East Yorks. DN14 7SD. T: 01405 765567 W: www.timloc.co.uk
- Types(s) and location(s): FRstop - thermal and acoustic fire stops to be installed vertically and horizontally as work proceeds. Position where a party wall meets the cavity wall or at floor levels, supplied in 1.2m lengths and butt jointed.
- Reference: TFACSS Range
- Options: TFACSS50 – 50mm cavity
- TFACSS75 – 75mm cavity
- TFACSS100 – 100mm cavity
- TFACSS125 – 125mm cavity
- TFACSS150 – 150mm cavity

How to order

- To calculate quantities divide the overall length of the required cavity wall run by 1.2m, allow an additional unit for each corner for cutting. Always round up to the next whole number
- Determine and stipulate the cavity width that the FRstop needs to suit

Product codes

FRstop cavity stop sock for timber frame

Product code	To suit cavity width	Dimensions	Fire integrity
TFACSS50	50mm	65 x 65 x 1200mm	1 hour
TFACSS75	75mm	90 x 75 x 1200mm	1 hour
TFACSS100	100mm	115 x 120 x 1200mm	1 hour
TFACSS125	125mm	140 x 120 x 1200mm	1 hour
TFACSS150	150mm	165 x 120 x 1200mm	1 hour

trust timloc to deliver

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Technical | Phone: **01405 782 769** Email: **technical@timloc.co.uk** Web: **www.timloc.co.uk**

Timloc Building Products | Timloc House, Ozone Park, Howden, East Yorkshire DN14 7SD

Cavity Closers, Barriers & Stop Socks - Edition 1