

THERMO-LOC

+ CAVITY CLOSER

DATASHEET

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 & Benefits

- 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

- BBA Approved.
- 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 & Colour

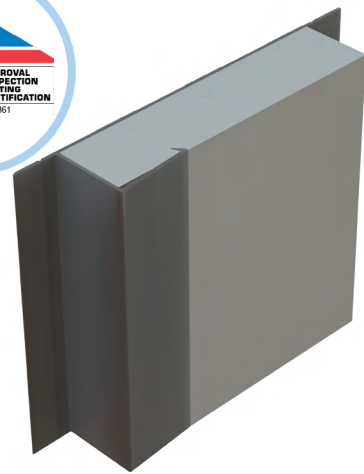
- Rigid profile extruded in Grey UPVC.
- Expanded Polystyrene insulation 0.031W/mk.
- Multi 100mm, Multi 100mm CR and fixed cavities.
- 2.4m lengths.

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

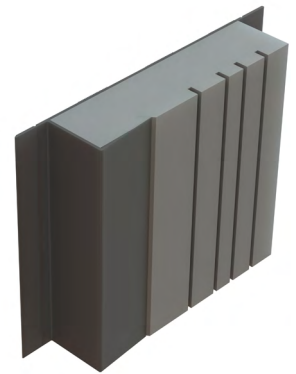
- Establish the cavity width and select the correct cavity closer width to ensure the cavity can be closed.
- In jamb and sill applications, estimate the total length of cavity closer required and order the correct number of 2.4 metre lengths ensuring no joint pieces.



Single Profile



Double Profile



CR Multi Profile

Bill of Quantity

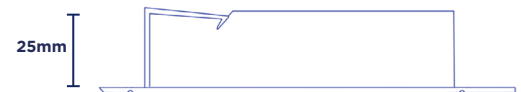
F30 Accessories/sundry items for brick/block/stone walling window jambs and sills

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, Timloc House, Ozone Park, Howden, East Yorkshire, DN14 7SD. T: 01405 765567 W: www.timloc.co.uk
- Reference: eg.PP2.4/50 (Thermo-loc +, Expanded Polystyrene, 2.4m, 50mm).

Product Dimensions

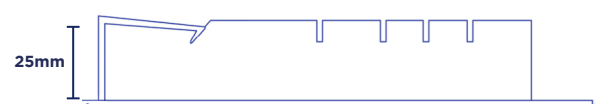
Single Profile | 50mm - 100mm cavities



Double Profile | 105mm - 150mm cavities



Multi | Check Reveal (single flange)



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 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

Product Codes

Product Code	Description	Cavity Width	Length	Colour	Pack Quantity
PP2.4/50	Thermo-loc + Cavity Closer	50mm	2.4m	Grey	10
PP2.4/75	Thermo-loc + Cavity Closer	75mm	2.4m	Grey	10
PP2.4/90	Thermo-loc + Cavity Closer	90mm	2.4m	Grey	10
PP2.4/100	Thermo-loc + Cavity Closer	100mm	2.4m	Grey	10
PP2.4/100MULTI	Thermo-loc + Multi Cavity Closer	50-100mm	2.4m	Grey	10
PP2.4/120	Thermo-loc + Cavity Closer	120mm	2.4m	Grey	10
PP2.4/125	Thermo-loc + Cavity Closer	125mm	2.4m	Grey	10
PP2.4/130	Thermo-loc + Cavity Closer	130mm	2.4m	Grey	10
PP2.4/150	Thermo-loc + Cavity Closer	150mm	2.4m	Grey	10
PP2.4/CR100MULTI	Thermo-loc + CR Multi Cavity Closer	50-100mm	2.4m	Grey	10