

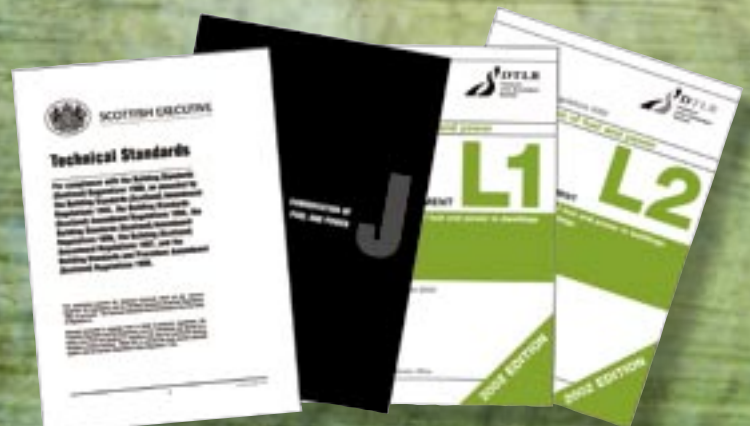


TDI



A full range of

Insulating DPC & Thermal Insulation Systems





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Warrington FIRE research

TDI Weathercor/F was tested at Warrington Research and was found to be in accordance with the requirements of BS 476 Part 20 achieving over 30 minutes integrity and insulation at a furnace temperature of 842°C.



This product has been approved by Building Control to comply with Building regulation document L1 & L2 revised 2002 conservation of fuel & power.

Certificate No 166/6/7001

Regulations

T.D.I. UK Ltd products comply with all current Building Regulations.

Approved Document Part L1 & L2 revised 2002

which includes the requirements for thermal bridging around windows and door openings.

Approved Document Part C4 revised 1994

Resistance to weather and ground moisture.

Scottish Technical Standards Part D revised April 2000

- Section D2 Fire resistance and non-combustibility.
- Section D2.1. Table 2 states that cavity barriers must have 30 mins resistance for integrity tested from each side separately and if larger than 1m x 1m must also have 15 mins fire resistance for insulation tested from each side.
- Section D4 Concealed Spaces (cavities)
- Section D4.1 positioning of cavity barriers

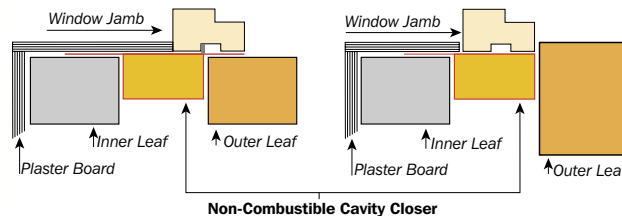
Exception

- D4.1. exception ii states that a cavity barrier is not required as set out in a-f for cavity which is formed between two leaves of masonry or concrete at least 75mm thick and which has a **cavity barrier** around all openings in the wall and at the top of the wall, and with no combustible material situated or exposed within the cavity than 'certain specified material'.

Non-Combustible Insulated Cavity Closer

WEATHERCOR/F Cavity Barrier is a Rigid PVC-U Cavity Closer which achieves a minimum of **30 minutes fire integrity**.

- 'r' Value of 0.91m² °C/W
- 'k' or 'λ' Value of 0.033W/m °C
- Complete with flexible weatherseal
- Available for all cavity widths up to 200mm wide
- Suitable for any size window
- Very competitively priced
- Available in 2.44 metre lengths
- Cuts installation time by 80%
- Build in at construction stage
- No clips required, simply nail to brickwork
- Made from high quality PVCu
- Conforms to building regulations (minimum thermal resistance to Part L1 & L2)
- Non-combustible insulation achieving over 30 minutes integrity and insulation at a furnace temperature of 842°C
- Manufactured with built in plaster key



NEW PART L BUILDING REGULATIONS

When Weathercor/F is installed with Tarmac Topblock blocks as shown below the installation will meet the NEW PART L BUILDING Regulations revised 2002.

50mm Cavity Closers	'u' value	Block Type
25mm Cavity Wall Insulation	0.35	Topcrete Dense
Full fill Cavity Wall insulation	0.33	Topcrete Dense
Full fill Cavity Wall Insulation	0.26	Hemelite Lightweight
75mm Cavity Closers		
25mm Cavity Wall Insulation	0.33	Topcrete Dense
Full fill Cavity Wall insulation	0.30	Topcrete Dense
Full fill Cavity Wall Insulation	0.26	Hemelite Lightweight
100mm Cavity Closers		
50mm Cavity Wall Insulation	0.33	Topcrete Dense
Full fill Cavity Wall insulation	0.23	Topcrete Dense
Full fill Cavity Wall Insulation	0.21	Hemelite Lightweight

All calculations are based on the back edge of the frame placed 18mm back from the inside edge of the outer brickwork without the need to dry line and without using longer cills on the window frames.
The thickness of cavity insulation is the minimum required to achieve the specified U value at the cavity closing position.

Specification Statement

Weathercor/F Insulated Rigid Cavity Closer

Close cavities at jambs and sills of all external doors, windows and other openings with Weathercor/F.

Build into adjoining cavity work fully in accordance with the instructions of the manufacturers —

TDI (UK) Ltd, Darley Dale, Matlock



Warrington
W FIRE
research

TDI Stonecor was tested at Warrington Research and was found to be in accordance with the requirements of BS 476 Part 20 achieving over 30 minutes integrity and insulation at a furnace temperature of 842°C.



This product has been approved by Building Control to comply with Building regulation document L1 & L2 revised 2002 conservation of fuel & power.

Certificate No 167/6/7001



Regulations

T.D.I. UK Ltd products comply with all current Building Regulations.

Approved Document Part L1 & L2 revised 2002

which includes the requirements for thermal bridging around windows and door openings.

Approved Document Part C4 revised 1994

Resistance to weather and ground moisture.

Scottish Technical Standards Part D revised April 2000

- Section D2 Fire resistance and non-combustibility.
- Section D2.1. Table 2 states that cavity barriers must have 30 mins resistance for integrity tested from each side separately and if larger than 1m x 1m must also have 15 mins fire resistance for insulation tested from each side.
- Section D4 Concealed Spaces (cavities)
- Section D4.1 positioning of cavity barriers

Exception

- D4.1. exception ii states that a cavity barrier is not required as set out in a-f for cavity which is formed between two leaves of masonry or concrete at least 75mm thick and which has a **cavity barrier** around **all** openings in the wall and at the top of the wall, and with no combustible material situated or exposed within the cavity than 'certain specified material'.

Non-Combustible Insulation

Super Flexible Lava Stone Wool Insulating DPC which achieves a minimum of **30 minutes fire integrity**.

Stonecor is a Multi Purpose Super Flexible and Compressible Mineral Wool Insulated DPC combining the advantages of Icelandic Lava Stone Wool with a Traditional DPC

Product Information

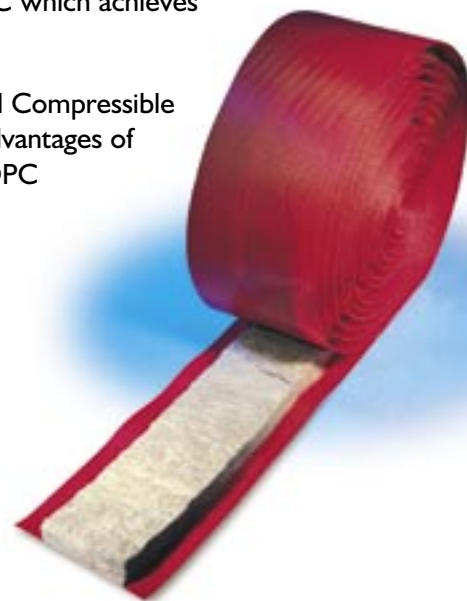
STONECOR meets today's thermal and acoustic requirements in construction. Icerock is manufactured in Iceland and completely environmentally friendly in manufacture and use, and is also non-combustible to 700°C. The Polyethylene DPC is manufactured to BS6515.

STONECOR is produced in standard roll lengths of 10 linear metres and there are 5 rolls to a pack.

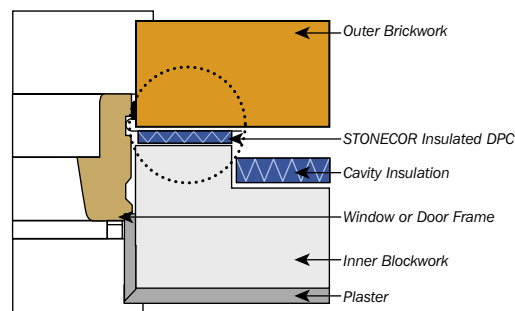
STONECOR comes in standard widths of 165mm DPC bonded to 100mm Icerock, which is 25mm thick, and a 225mm DPC bonded to 150mm Icerock, which is also 25mm thick.

STONECOR can also be supplied in any width up to 800mm wide and with any width and thickness of Icerock.

STONECOR is simply and easily installed. Its flexibility enables it to be built in with no problems as brickwork proceeds, similar to traditional DPC's. It must be firmly built in as work proceeds with the blockwork and the Icerock tightly butted together. Where a joint occurs a minimum lap of 100mm of DPC is recommended.



- 'r' Value of 0.76m² °C/W
- 'k' or 'λ' Value of 0.033W/m °C
- Flexible, is supplied in rolls
- Easy to build as brickwork proceeds
- Easily cut with trowel or knife
- Light and robust
- Economical
- CFC and HFC free



Specification Statement

Non-Combustible Insulation

Fit **STONECOR** - bonded, non-combustible insulation... wide at the junction of the party walls and the outer leaf of the external wall. Fix fully in accordance with the instruction of the manufacturer —

TDI (UK) Ltd, Darley Dale, Matlock



TDI CAVITY STOP®

Warrington
W FIRE
research

TDI Cavity Stop was tested at Warrington Research and was found to be in accordance with the requirements of BS 476 Part 20 achieving over 60 minutes integrity and insulation at a furnace temperature of 945°C.



This product has been approved by Building Control to comply with Building regulation document L1 & L2 revised 2002 conservation of fuel & power.

Certificate No 193/6/7001

Regulations

T.D.I. UK Ltd products comply with all current Building Regulations.

Approved Document Part L1 & L2 revised 2002

which includes the requirements for thermal bridging around windows and door openings.

Approved Document Part C4 revised 1994

Resistance to weather and ground moisture.

Scottish Technical Standards Part D revised April 2000

- Section D2 Fire resistance and non-combustibility.
- Section D2.1. Table 2 states that cavity barriers must have 60 mins resistance for integrity tested from each side separately and if larger than 1m x 1m must also have 15 mins fire resistance for insulation tested from each side.
- Section D4 Concealed Spaces (cavities)
- Section D4.1 positioning of cavity barriers

Exception

- D4.1. exception ii states that a cavity barrier is not required as set out in a-f for cavity which is formed between two leaves of masonry or concrete at least 75mm thick and which has a **cavity barrier** around **all** openings in the wall and at the top of the wall, and with no combustible material situated or exposed within the cavity than 'certain specified material'.

Building Regulations Robust Details B.3 - Reference Party walls

Houses:

One hour fire resistance between each dwelling. Then refer to Appendix A, Table A2.

Residential reduced to 30 minutes but has additional notation. This says increase to minimum 60 minutes fire resistance for compartments and separate walls, i.e. Minimum 60 minutes always required for fire resistance at the junction of party walls.

60 Minutes Fire Integrity & Acoustic Insulated DPC for Party Walls

A Super Flexible and Compressible Lava Stone Mineral Wool Insulating DPC combining the advantages of Icelandic Lava Stone Wool with a Traditional DPC complying to all acoustic requirements for party Walls and Abutments giving 60 minutes fire integrity.

- 'r' Value of 0.76m² °C/W on 100mm width insulation
- 'r' Value of 0.56m² °C/W on 150mm width insulation
- 'k' or 'λ' Value of 0.033W/m °C
- Flexible, is supplied in rolls
- Easy to build as brickwork proceeds
- Easily cut with a knife
- Light and Robust
- Economical
- CFC and HFC free



Product Information

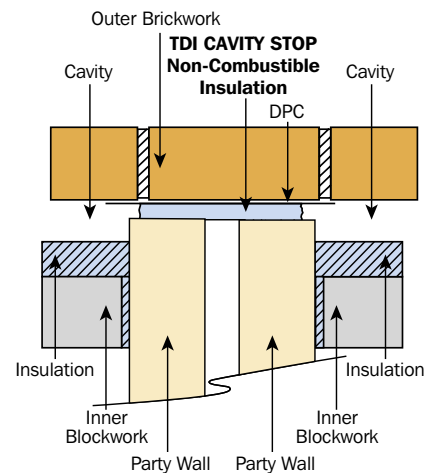
Cavity Stop meets today's thermal and acoustic requirements in construction. Icerock is manufactured in Iceland, it is completely environmentally friendly in manufacture and use, and is also non-combustible. The Polyethylene DPC is manufactured to BS6515.

Cavity Stop is produced in standard roll lengths of 7.5 linear metres and there are 5 per pack.

Cavity Stop comes in standard widths of 165mm DPC bonded to 100mm icerock, which is 50mm thick, and a 225mm DPC bonded to 150mm icerock, also 50mm thick.

Cavity Stop can also be supplied in any width up to 800mm wide and with any width and thickness of Icerock.

- **Cavity Stop** is simply and easily installed.
- Its flexibility enables it to be built in with no problems as brickwork proceeds, similar to traditional DPC's. It must be firmly built in as work proceeds with the blockwork and the Icerock tightly butted together. Where a joint occurs a minimum lap of 100mm of DPC is recommended.



Specification Statement

- Fit **Cavity Stop** — bonded, non-combustible insulation... wide at the junction of the party walls and the outer leaf of the external wall.
- Fix fully in accordance with the instruction of the manufacturer —
- **T.D.I (UK) Ltd, Darley Dale, Matlock**

RIGID-COR®/F & HYCOR® SYSTEM



Warrington
FIRE
research

TDI Rigidcor/F was tested at Warrington Research and was found to be in accordance with the requirements of BS 476 Part 20 achieving over 30 minutes integrity and insulation at a furnace temperature of 842°C.



This product has been approved by Building Control to comply with Building regulation document L1 & L2 revised 2002 conservation of fuel & power.

Certificate No 168/6/7001



Regulations

T.D.I. UK Ltd products comply with all current Building Regulations.

Approved Document Part L1 & L2 revised 2002

which includes the requirements for thermal bridging around windows and door openings.

Approved Document Part C4 revised 1994

Resistance to weather and ground moisture.

Scottish Technical Standards Part D revised April 2000

- Section D2 Fire resistance and non-combustibility.
- Section D2.1. Table 2 states that cavity barriers must have 30 mins resistance for integrity tested from each side separately and if larger than 1m x 1m must also have 15 mins fire resistance for insulation tested from each side.
- Section D4 Concealed Spaces (cavities)
- Section D4.1 positioning of cavity barriers

Exception

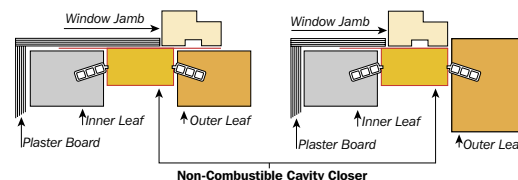
- D4.1. exception ii states that a cavity barrier is not required as set out in a-f for cavity which is formed between two leaves of masonry or concrete at least 75mm thick and which has a **cavity barrier** around **all** openings in the wall and at the top of the wall, and with no combustible material situated or exposed within the cavity than 'certain specified material'.

RIGID-COR/F

Insulated Cavity Closer/Cavity Barrier

which achieves a minimum of 30 minutes fire integrity in one product.

- 'r' Value of 1.36m² °C/W
- 'k' & 'λ' Value of 0.033W/m °C
- Suitable for any window system
- Accepts any size or style
- No template required
- Available in 3 sizes 50 mm, 75 mm and 100mm
- Cuts installation time by 80%
- Build in at construction stage
- Made from high quality PVCu
- Conforms to building regulations
- (Minimum thermal resistance to Part L1 & L2)
- Very competitively priced
- Accepts 60mm frame and above
- Suitable for any sill options
- Corners and joining pieces available to eliminate all waste
- Clip in adjustable wall ties available
- Does not require dry lining or plaster to conform to building regulations



NEW PART L BUILDING REGULATIONS

When Rigid-Cor/F or System 3000/F are installed with Tarmac Topblock blocks as shown below the installation will meet the NEW PART L BUILDING Regulations revised 2002.

50mm Cavity Closers	'u' value	Block Type
25mm Cavity Wall Insulation	0.35	Topcrete Dense
Full fill Cavity Wall insulation	0.33	Topcrete Dense
Full fill Cavity Wall Insulation	0.26	Hemelite Lightweight
75mm Cavity Closers		
25mm Cavity Wall Insulation	0.33	Topcrete Dense
Full fill Cavity Wall insulation	0.30	Topcrete Dense
Full fill Cavity Wall Insulation	0.26	Hemelite Lightweight
100mm Cavity Closers		
50mm Cavity Wall Insulation	0.33	Topcrete Dense
Full fill Cavity Wall insulation	0.23	Topcrete Dense
Full fill Cavity Wall Insulation	0.21	Hemelite Lightweight

All calculations are based on the back edge of the frame placed 18mm back from the inside edge of the outer brickwork without the need to dry line and without using longer cills on the window frames. The thickness of cavity insulation is the minimum required to achieve the specified U value at the cavity closing position.



HYCOR SYSTEM 3000/F

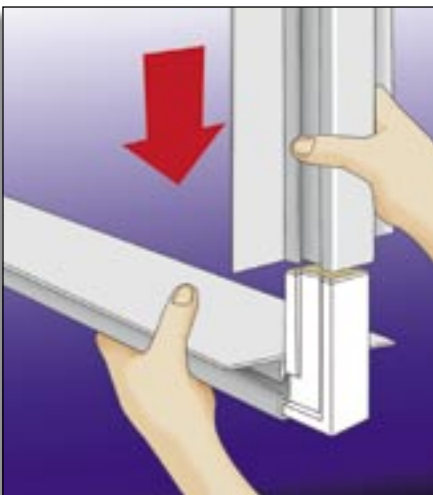
Insulated Cavity Closer Sub Frame Kit

which achieves a minimum of 30 minutes fire integrity in one product.

SYSTEM 3000/F is the answer to all your 'build-in' cavity requirements

- Quick installation
- No on site cutting
- Reduced labour costs
- Easy to use
- Slide in brick ties
- No waste

You contact us with the required dimensions, we then forward the product in kit form, cut to size and ready to install. Once on site SYSTEM 3000/F is slotted together to form an instant sub frame that can then be built around. When completed you simply fix in the window frame. SYSTEM 3000/F can be used with any conventional window system.



- Suitable for any window system
- Accepts any size or style
- No template required
- Cuts installation time by 80%
- Built in at construction stage
- Made from high quality PVCu
- Conforms to Building Regulations (minimum thermal resistance to part L1 & L2)
- Very competitively priced
- Sizes available 50 mm, 75 mm and 100mm
- Accepts 60mm frame and above 150mm and 180mm sill option
- Clip in adjustable brick ties and corners included
- Does not require dry lining or plaster to conform to Building Regulations



Specification Statement

RIGID-COR/F and System 3000/F Insulated Cavity Closers

Close cavities at jambs and sills of all external doors, windows and other openings with **RIGID-COR/F and System 3000/F** wide. Build into adjoining cavity work fully in accordance with the instructions of the manufacturers :

TDI (UK) Ltd, Darley Dale, Matlock

TDI FIRESTOP®



Warrington
FIRE
research

TDI Firestop was tested at Warrington Research and was found to be in accordance with the requirements of BS 476 Part 20 achieving over 60 minutes integrity and insulation at a furnace temperature of 945°C.



This product has been approved by Building Control to comply with Building regulation document L1 & L2 revised 2002 conservation of fuel & power.

Certificate No 169/6/7001

Regulations

T.D.I. UK Ltd products comply with all current Building Regulations.

Approved Document Part L1 & L2 revised 2002

which includes the requirements for thermal bridging around windows and door openings.

Approved Document Part C4 revised 1994

Resistance to weather and ground moisture.

Scottish Technical Standards Part D revised April 2000

- Section D2 Fire resistance and non-combustibility.
- Section D2.1. Table 2 states that cavity barriers must have 30 mins resistance for integrity tested from each side separately and if larger than 1m x 1m must also have 15 mins fire resistance for insulation tested from each side.
- Section D4 Concealed Spaces (cavities)
- Section D4.1 positioning of cavity barriers

Exception

- D4.1. exception ii states that a cavity barrier is not required as set out in a-f for cavity which is formed between two leaves of masonry or concrete at least 75mm thick and which has a **cavity barrier** around all openings in the wall and at the top of the wall, and with no combustible material situated or exposed within the cavity than 'certain specified material'.

Non-Combustible Insulated Cavity Closer

TDI FIRESTOP CC is manufactured from a non-combustible rock mineral wool core completely enclosed in Polyethylene DPC for maximum protection against water penetration coupled with maximum insulation

- 'r' Value of 1.36m² °C/W
- 'k' or 'λ' Value of 0.033W/m °C
- Closes
- Damp proofs
- Insulates
- Fire stops
- Ideal for timber framed buildings
- Eliminates damp
- Eliminates the cold bridge
- No special installation techniques
- Easily cut with a knife
- Very economic in use and price
- **TDI FIRESTOP** incorporates Polyethylene DPC to British Standard BS6515



Product Information

An overlap of the DPC allows **TDI FIRESTOP** to be fixed to the frame if required.

Manufactured in 2.44 metre length in any width from 50mm to 150mm wide.

TDI Firestop is manufactured for use as a vertical and horizontal cavity barrier.

Standard widths are 50mm, 65mm, 75mm, 90mm, 100mm, 125mm in 2.44m lengths.

Firestop Cavity Closer

TDI FIRESTOP is a non-combustible, rock mineral wool core fully enclosed in a traditional DPC to ensure complete damp-proofing and insulation, plus a 40mm weather flap

TDI FIRESTOP can either be fixed as a building progresses or placed in the cavity later.

Specification Statement

Insulated Cavity Closer

Close cavities at jambs and sills of all external doors, windows and other openings with **TDI FIRESTOP**, insulated cavity closer ... wide. Build into adjoining cavity work fully in accordance with the instructions of the manufacturer — **TDI (UK) Ltd, Darley Dale, Matlock**

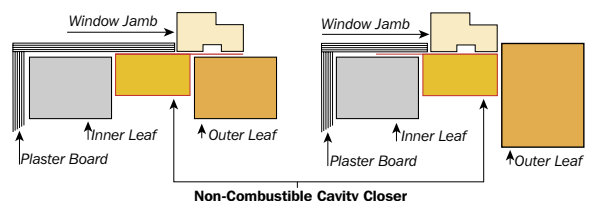
NEW PART L BUILDING REGULATIONS

When TDI Firestop is installed with Tarmac Topblock blocks as shown below the installation will meet the NEW PART L BUILDING Regulations revised 2002.

50mm Cavity Closers	'u' value	Block Type
25mm Cavity Wall Insulation	0.35	Topcrete Dense
Full fill Cavity Wall insulation	0.33	Topcrete Dense
Full fill Cavity Wall Insulation	0.26	Hemelite Lightweight
75mm Cavity Closers		
25mm Cavity Wall Insulation	0.33	Topcrete Dense
Full fill Cavity Wall insulation	0.30	Topcrete Dense
Full fill Cavity Wall Insulation	0.26	Hemelite Lightweight
100mm Cavity Closers		
50mm Cavity Wall Insulation	0.33	Topcrete Dense
Full fill Cavity Wall insulation	0.23	Topcrete Dense
Full fill Cavity Wall Insulation	0.21	Hemelite Lightweight

All calculations are based on the back edge of the frame placed 18mm back from the inside edge of the outer brickwork without the need to dry line and without using longer cills on the window frames.

The thickness of cavity insulation is the minimum required to achieve the specified U value at the cavity closing position.



THERMOCOR CC[®]

Designed to Close, Damp Proof and Insulate Wall Cavities



This product has been approved by Building Control to comply with Building regulation document L1 & L2 revised 2002 conservation of fuel & power.

Certificate No 170/6/7001

- Excludes damp
- Eliminates the cold bridge
- No special installation techniques
- Easily cut with a knife
- Very economical in use and price

Product Information

THERMOCOR CC is manufactured from an Expanded Polystyrene core completely enclosed in Polyethylene DPC for maximum protection against water penetration coupled with maximum insulation.

An overlap of the DPC allows **THERMOCOR CC** to be fixed to the frame if required. Expanded Polystyrene is CFC and HFC free to (BS3837). Standard widths are: 50mm to 150mm.

Thermocor Cavity Coser

THERMOCOR CC Expanded Polystyrene core fully enclosed in a traditional DPC to ensure complete damp proofing and insulation, plus a 40mm weather flap.

THERMOCOR CC specifically designed to comply with today's Building Regulations, Approved document L1 & L2 revised 2002.

THERMOCOR CC can either be fixed as building progresses or placed in the cavity later. Where window frames are built in **Thermocor CC** should be fastened to window jamb in appropriate position first.

THERMOCOR CC can be easily lap jointed, by removing 100mm of the insulation and overlapping the DPC.

The Polystyrene insulation is more than adequate to meet all the required standards, achieving a minimum "r" value of 0.676m² °C/W at the reveal and sill points.

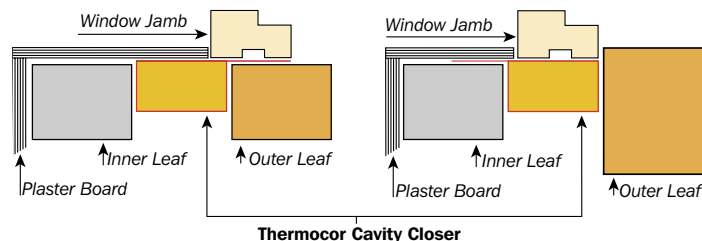
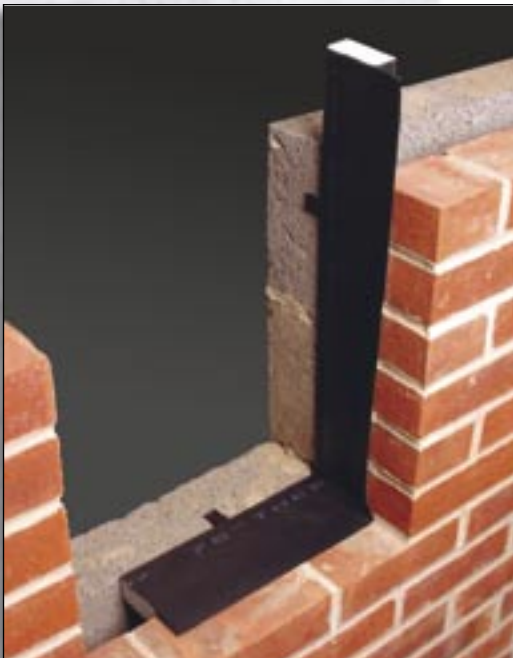
TDI plastic fixing clips are available if required. Window must be fixed directly to the masonry and set in at least 30 mm from the inner surface of the outer leaf of the wall.

Specification Statement

Insulated Cavity Closer

Close cavities at jambs and sills of all external doors, windows and other openings with **THERMOCOR CC**, insulated cavity closer. Fix fully in accordance with the instructions of the manufacturer —

TDI (UK) Ltd, Darley Dale, Matlock



The Insulating Vertical DPC

A complete and simple solution to Thermal Bridging where the cavity is closed. Combining advantages of expanded Polystyrene and Polyethylene DPC.

- Complies to Building Regulations (England and Wales) when the back edge of the frame is positioned 30 mm in from the inside edge of the outer brickwork
- Flexible, is supplied in rolls
- No special fixings in use. No special installation techniques
- Easy to build as brickwork proceeds
- Easily cut with trowel or knife
- Lengths may be lapped with no loss of thermal efficiency
- Supplied in various widths and thicknesses
- Light and robust
- Economical
- CFC and HFC free and energy efficient

Introduction

DAMCOR is designed to prevent the problem of cold bridging around window and door openings in traditional cavity constructions. At these points in the structure, condensation with possible consequential staining and mould growth, can occur at the reveals due to the lack of insulation where the cavity is closed.

Application

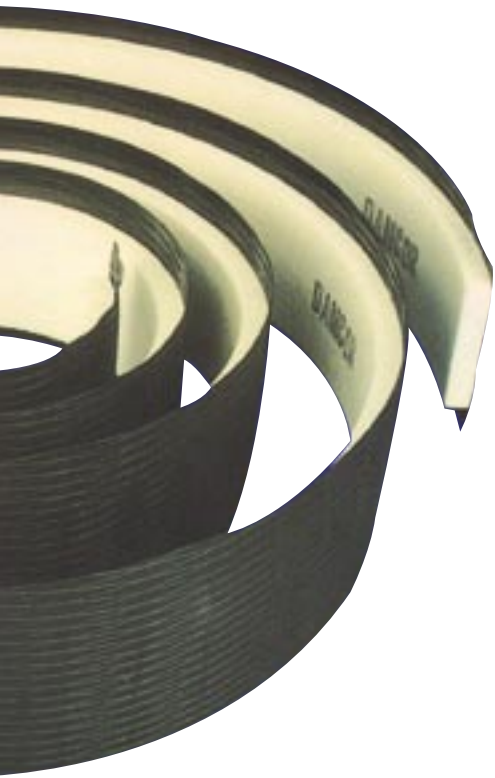
DAMCOR is available in various widths, the standard product is 165mm DPC bonded to 100mm EPS installed as traditional DPC. The product is simply placed in the cavity with the DPC overlap trapped between the window/door frame and the exterior brickwork. No special fixings or installation techniques are necessary. The product can be rolled or folded. It is easily cut with a knife or trowel, and can be lap-jointed with no loss of thermal efficiency. No material need ever be wasted.



This product has been approved by Building Control to comply with Building regulation document L1 & L2 revised 2002 conservation of fuel & power.

Certificate No 165/6/7001





Standard Dimensions

Expanded Polystyrene is supplied in a nominal thickness of 18mm. Polythylene DPC at 165mm width bonded to 100mm width EPS to give DPC overlap of 40mm (frame-side) and 25mm overlap (cavity-side); this width is for 100mm return-block headers. DPC at 225mm width bonded to 150mm EPS — positioned centrally; this width is for 140/150mm headers.

Other DPC widths available: 300, 350, 450mm up to 800mm wide. EPS widths and positioning on DPC can normally be supplied to clients' specification, but please confirm with our Technical Department.

When specifying/quantifying this product, please indicate the linear metres required and the actual width of DPC and EPS.

DAMCOR vertical insulating DPC positioned in cavity prior to installation of window frame. This shows the ease and simplicity of installation of the product, and its flexibility. It can be built in with no problem as the brickwork proceeds. Where lapjoints occur, a minimum of 100mm DPC is recommended, with EPS insulation strips tightly butted.

Technical Characteristics and Performance

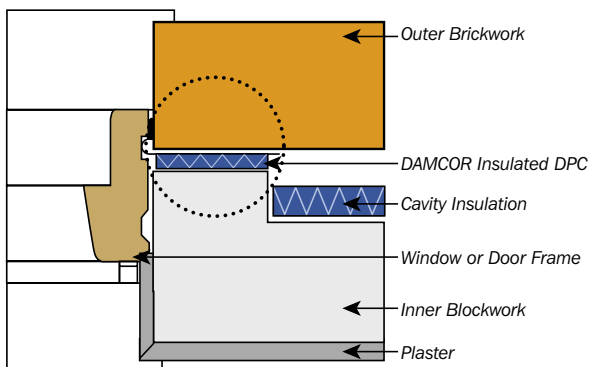
'k' or 'λ' value of Expanded Polystyrene 0.037W/m°C 'r' value of Product 0.492m² °C /W. The thickness of the EPS in excess of BRE recommendations on insulation thickness to achieve desirable total resistances at the reveal and window head points (Cf BRE 'Thermal Insulation: avoiding risks' Appendix 94). Please contact our Technical department for further information, or heat loss/resistance calculations.

Product Details

Expanded Polystyrene to BS3837:1986

Polythylene DPC to BS 6515

Product supplied in rolls of 6 linear metres; 8 rolls per pack (165mm), 6 rolls per pack (225mm).



Specification Statement

Insulating Damp Proof Course

Fit **DAMCOR** insulated DPC to the sills and jambs of all window, external door and other openings...wide.

BBA Certificate No 93/2925.

Install before the fixing of frames as the walling proceeds and include 100mm DPC at lap joints with EPS insulation strips, tight butted.

Manufacturer — **TDI (UK) Ltd, Darley Dale, Matlock**

Insulating Cavity Closer

A complete and simple solution to closing and insulating the cavity in external wall openings. Combines the advantages of Polystyrene and Polyethylene DPC, plus a timber core



- Eliminates cold bridging
- No special fittings required
- No special installation techniques
- Easily cut with a saw
- Economical in use and price
- Energy efficient
- CFC and HFC Free
- Traditional DPC

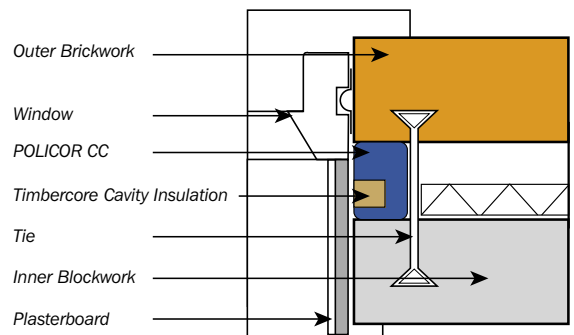
Specially Formulated

Specially formulated to provide a simple, complete and economical solution to Cold Bridging Problems. It consists of a pliable Polystyrene (to BS 3837) and Polyethylene DPC (to BS 6515) with an exterior grade timber insert.

Stainless steel wall ties are provided with provision for adjustable spacing, ensuring that Policor is held firmly in position. The wall tie retaining strip will accommodate most types of wall ties.

A Simpler and Better Way

The Timber Core receives traditional fixings and it is recommended that Plaster Board or Expamet be nailed to the core and also fixed to the inner blockwork and then plastered over, thus eliminating any risk of the plaster cracking in the reveal. As well as being robust, **POLICOR CC** is pliable and can be pushed or built into irregular cavities without any danger of it being cracked or damaged.



Specification Statement

Insulated Cavity Closer

Close cavities at jambs and sills of all external doors, windows and other openings with POLICOR CC, insulated cavity closer. Fix fully in accordance with the instructions of the manufacturer — **TDI (UK) Ltd, Darley Dale, Matlock**

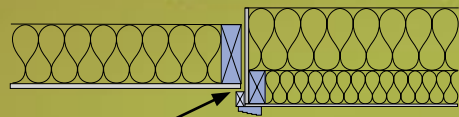
TDI 0.35 LOFTHATCH

Achieves 0.35 U value to comply with new Building regulation document L1 & L2 as required by the robust detail



This product has been approved by Building Control to comply with Building regulation document L1 & L2 revised 2002 conservation of fuel & power.
Certificate No 153/6/7001

- Clear opening 600mm x 532mm
- Injection moulded Rigid Polypropylene outer hatch
- No welded corners
- Attractive moulded ceiling architrave surround and trap door sculpture
- Supplied in box with fitting instructions
- Fix frame to timber with 8 x 32mm No. 10 countersunk rust proof steel screws (2 per side)
- Meets all building regulations for insulated lofthatches
- Easy access for Loft Ladders
- Simple to fit
- Factory assembled for easy fitting



Robust Details which came into force 1st April 2002. DETR Building Regulations Lofthatch 8.04
Ensure that loft hatch is fully draught stripped. Counterbearers and boarding should be provided if access to loft is required. Note that U-value through loft hatch must be no worse than 0.35Wm²K (Poorest acceptable U-value).

TDI PYROHATCH

Achieves over 60 Minutes Fire Integrity for properties where a fire rated lofthatch is required



TDI Pyrohatch System was tested at Warrington Research and found to be in accordance with the requirements of BS 476 Part 20 achieving over 60 minutes integrity at a furnace temperature of 945°C.



This product has been approved by Building Control to comply with Building regulation document L1 & L2 revised 2002 conservation of fuel & power.
Certificate No 153/6/7001



- Clear opening 600mm x 532mm
- Injection moulded Rigid Polypropylene outer hatch. No welded corners
- Attractive moulded ceiling architrave surround and trap door sculpture
- Supplied in box with fitting instructions
- Fix frame to timber with 8 x 32mm No. 10 countersunk rust proof steel screws (2 per side)
- Meets all building regulations for insulated lofthatches
- Easy access for Loft Ladders
- Simple to fit, inside hatch screws to joists
- Factory assembled for easy fitting
- Unique catch, outer hatch can only be closed when inner hatch has been closed
- White powder coated finish inner hatch

TDI

FIREBREAK

range of Long Duration Insulating Window Frames, achieving 2 hours

For installation in properties of three stories or above

Patent No. 2 292 570

PYROCOR



PYROCOR Cavity Closer is enclosed in a high performance Polymeric DPC suitable for all properties where two hours fire integrity is recommended.

- Available in all cavity widths
- Supplied with fixing clips
- Damp proofs
- Insulates
- Fire stops
- Ideal for timber framed buildings
- Eliminates the cold bridge
- No special installation techniques
- Easily cut with a knife
- Complies to all building regulations and thermal resistance Part L1 & L2
- CFC and HFC free
- 'r' value is 1.46
- 'k' or 'λ' value at 200°C is 0.06
- 'k' or 'λ' value at 600°C is 0.16
- Thermal Conductivity of 128 kg/m³ density measured at 20 Deg C to BS 874: 0.0342 W/MK

Patent No. 2 297 770

PYROFLEX



Flexible insulating high performance DPC bonded with a non-combustible insulation achieving **120 minutes fire integrity**.

- Manufactured in 10 metre rolls in any widths to your requirements
- Suitable for reveals and party wall situations achieving two hours fire integrity and required acoustic levels
- Easy to build as brickwork proceeds
- Easily cut with knife
- Light and robust
- Complies to all building regulations and thermal resistance Part L1 & L2
- CFC and HFC free
- 'r' value at 25mm is 0.73
- 'k' or 'λ' value at 200°C is 0.06
- 'k' or 'λ' value at 600°C is 0.16
- Thermal Conductivity of 128 kg/m³ density measured at 20 Deg C to BS 874: 0.0342 W/MK
- Excellent insulating performances
- Free of binder or lubricant
- Thermal Stability
- Low Heat Storage
- Good resistance to tearing
- Flexible & resilient
- Resistance to thermal shock

DPCs and Cavity Closers and s fire integrity.

ove and multi-occupancy developments.

PYROPLUS

(PVCu)



A black rigid PVCu cavity closer incorporating a non-combustible core achieving **120 minutes fire integrity**.

- Suitable for any window system
- No template required
- Available in 3 metre lengths
- Suitable for cavity widths 50mm, 75mm and 100mm
- Build in at construction stage
- Conforms to building regulations
- Minimum thermal resistance to Part L1 & L2
- Corners and joining pieces available to eliminate all waste
- Clip in adjustable wall ties
- Suitable for any sill options
- Does not require dry lining or plaster to conform to building regulations
- CFC and HFC free
- 'r' value at 25mm is 0.73
- 'k' or 'λ' value at 200°C is 0.06
- 'k' or 'λ' value at 600°C is 0.16
- Thermal Conductivity of 128 kg/m³ density measured at 20 Deg C to BS 874: 0.0342 W/MK



Warrington FIRE research

TDI Firebreak range was tested at Warrington Research and found to be in accordance with the requirements of BS 476 Part 20 achieving over 120 minutes integrity at a furnace temperature of 1049°C.

PYROFRAME



PYROFRAME Non-Combustible Insulated Window Frame. Manufactured to achieve 30 minutes fire integrity if used with Rigid-Cor/F Cavity Closer at a furnace temperature of 842°C.

*For 3 storey properties and above and multi-occupancy developments 2 hours fire integrity was achieved if used with PYROPLUS UPVc Cavity Closer at a furnace temperature of 1049°C.

These tests were carried out by Warrington Fire Research with the flame applied from inside the cavity outwards.

Frames can be fitted in the normal way.

- Substantially Enhanced U value of 0.15 W/M²/°C
- Frames can be fitted in the normal way
- Designed specifically in conjunction with Rigidcore products
- * When Pyroframe was tested in conjunction with Pyroplus with flame applied from the inside of the cavity outwards.

TDI FAXBACK

Do not detach this page from the brochure, simply photocopy the complete page, complete the questionnaire and fax direct to TDI on **01629 732779** where your request will be dealt with.

Company:

Contact Name:

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Postcode:

Telephone:

Fax:

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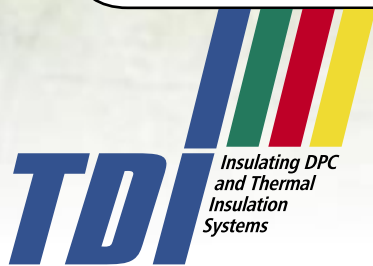
Date:

Please tick the appropriate boxes

- Samples
- Literature
- Visit
- CPD
- Training

- Architect
- Contractor
- House Builder
- Local Authority
- Distributor
- Builders Merchant
- Other

- Weathercor/F
- Stonecor
- Rigid-Cor/F
- System 3000/F
- TDI Firestop
- TDI Cavity Stop
- Thermocor CC
- Damcor
- Policor CC
- TDI Pyrohatch
- TDI 0.35 Lofthatch
- TDI Firebreak Range



FM31605



TDI (UK) Ltd. Unit 3, Unity Complex,
Dale Road North, Darley Dale, Matlock,
Derbyshire DE4 2HX
Tel: **01629 733177** Fax: **01629 732779**
Website: www.polypipe.com
E-mail: tdisales@dial.pipex.com

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