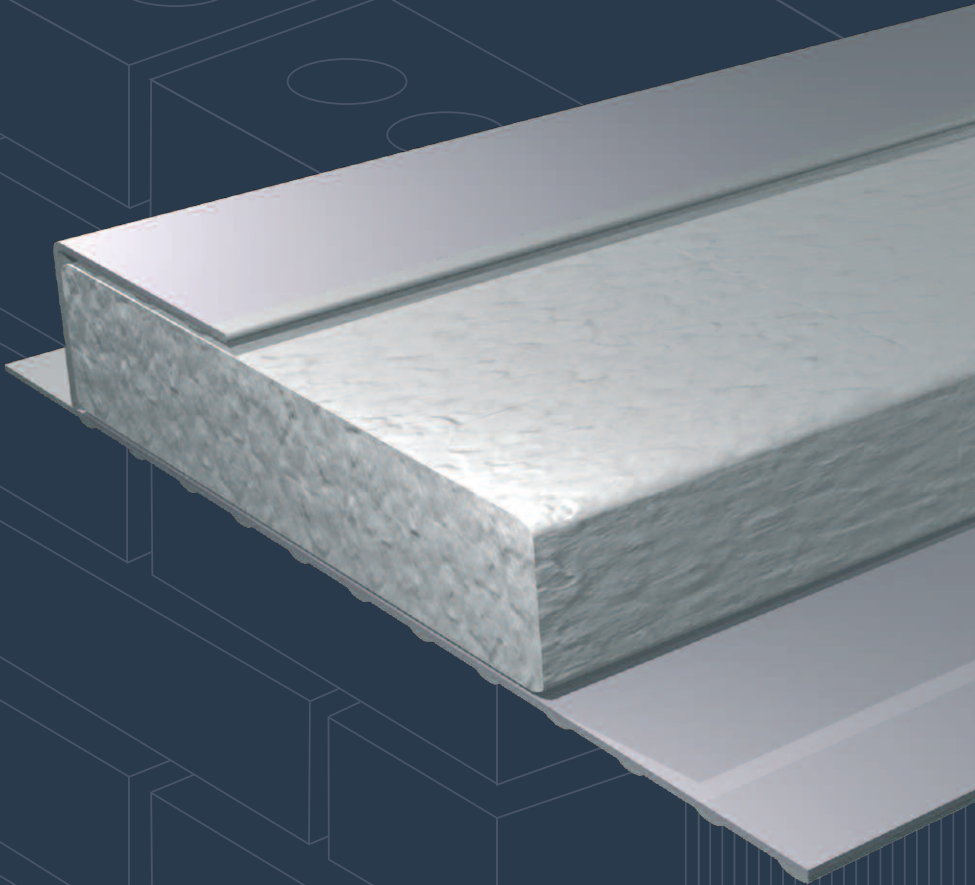


Uniclass L3272:P7114	EPIC F642:X725
CI/SFB (31.9)	Hn6

## SUPAFIX INSULATED CAVITY CLOSER

**DACATIE**  
BUILDINGSOLUTIONS

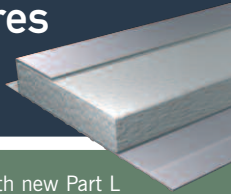


RECOMMENDED FOR CLOSING THE CAVITY AROUND WINDOW AND DOOR OPENINGS IN SECOND-FIX INSTALLATIONS WHEN A FRAME FORMER IS NOT REQUIRED.

AN ECONOMICAL WAY TO ACHIEVE BUILDING REGULATIONS COMPLIANCE

# Supafix

## Features



Complies with new Part L Building Regulations

Economical

Available in wide range of widths for standard and check reveal cavities

Reduces risk of condensation, mould & moisture migration across the cavity

Overcomes cavity width variations

Weather resistant

Easy to install

No ties required - simply nail to blocks

## Specifications

### Profile

White non water-absorbing PVCu

### Insulation

EPS insulation, CFC & HCFC free

### Lengths

2.1 & 3.0 metres

### Cavity widths

Standard widths 50mm, 65mm, 75mm, 90mm and 100mm

### Minimal thermal resistance path

0.45m<sup>2</sup>/KW

### Specification Statement

Close cavity openings at window jambs/sills and external doors utilising Dacatie Supafix. Installation should be completed in accordance with the manufacturers instructions

## Regulations

Approved Document Part L revised 2002 & 2006

With 30mm window frame set-back, complies with thermal requirements. BBA approved for moderate, sheltered and severe conditions. The check reveal variant can be used in very severe locations.

Manufactured to ISO9001

## Order codes

**Standard:** SF/cavity width in mm

**Check Reveal:** CSF/cavity width in mm

# Supafix

## INSULATED CAVITY CLOSER

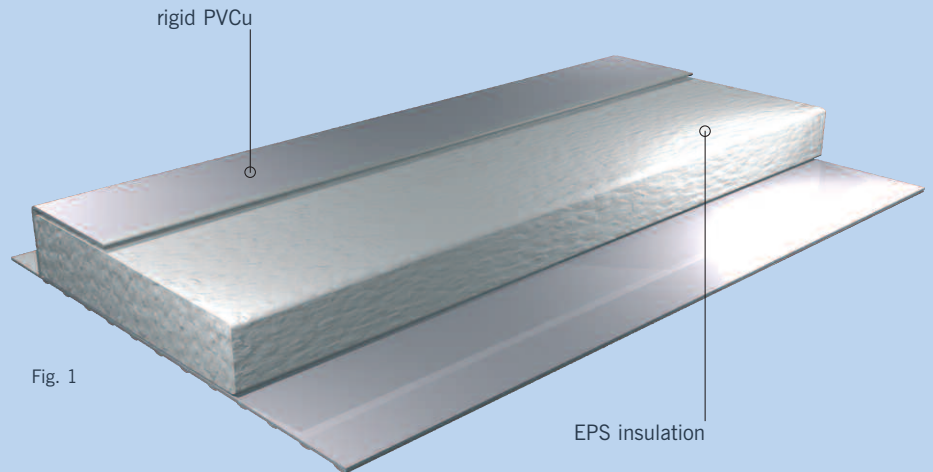
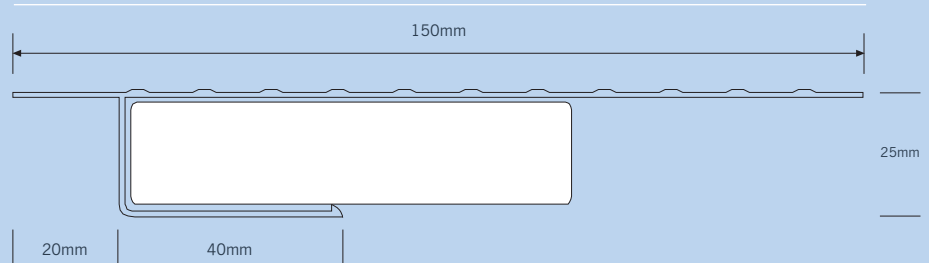


Fig. 1

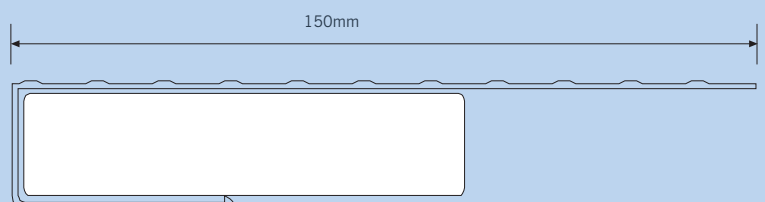
Supafix (SF) insulated cavity closers are the economical way to achieve building regulations compliance, when closing cavities around window and door openings. SF provides a highly versatile solution in second fix installation when a frame former is not required.

The rigid PVCu profile encloses a core of CFC-free EPS insulation which forms a continuous insulated cavity closer preventing cold bridging. Supafix can be used with all types of door and window openings. Supafix cavity closers overcome the traditional difficulties of closing cavities at wall openings by providing a simple and efficient solution to thermal bridging. Supafix is primarily designed for second fix applications and can be simply cut to length and push fitted into the cavity after the window or door opening has been made thus eliminating the need for cut blocks, bricks or special reveal blocks. Supafix is available in a range of sizes to fit cavity widths from 50mm - 100mm, with sufficient design flexibility to tolerate rogue cavity widths, thus reducing time and cost on site.

### FLUSH



### CHECK REVEAL



RECOMMENDED FOR CLOSING THE CAVITY AROUND WINDOW AND DOOR OPENINGS IN SECOND-FIX INSTALLATIONS WHEN A FRAME FORMER IS NOT REQUIRED.

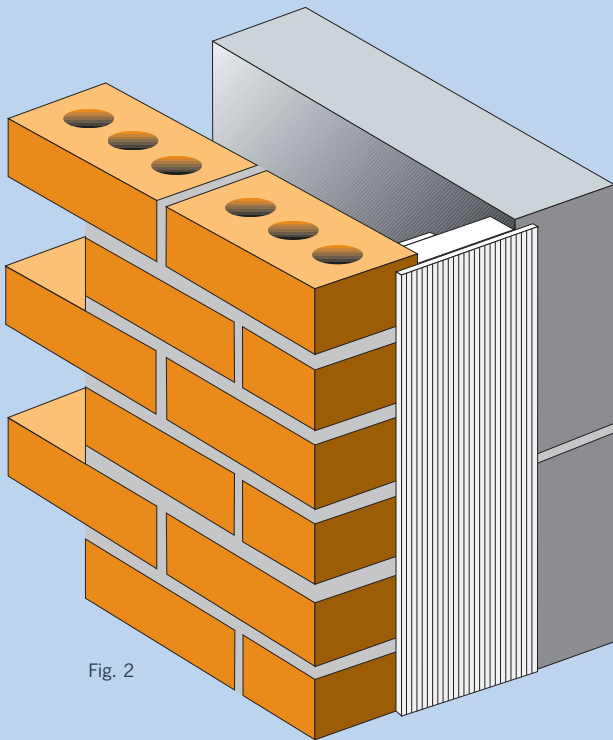


Fig. 2

#### APPLICATION

SF profile is suitable for use with all window and door frame materials, including timber, PVCu and aluminium. SF is cut to the height or width of the cavity opening and then push fitted into the cavity (fig.2). Slight cavity width variations can be overcome by applying small pressure. For this purpose a margin of insulating material projects from the PVCu encasement to allow a firm friction fit. In cases of extreme cavity width variation, this projecting insulation can be trimmed on site with a knife to allow insertion into the cavity.

For check reveal version a mechanical fixing should always be used to secure the flange to the internal blockwork (i.e. nail to blockwork or similar).

#### THE PROBLEM OF COLD BRIDGING (Fig. 3)

The problems of cold bridging are recognised in the new Part L Building Regulation revised 2002 & 2006. Part L recommends that an insulated cavity closer be used to overcome thermal loss that occurs in unprotected cavities and reveals. Thermal loss can result in problems of condensation, staining and mould growth at the reveals of these openings. Prolonged exposure to such factors will lead to a deterioration of the internal plaster and paint work. The use of SF will help to prevent the occurrence of such factors.

#### PART L REVISED 2002 & 2006

SF will exceed the minimum requirement of  $0.45 \text{ m}^2 \text{ K/W}$  for thermal resistance. When for example the window is set back at 30mm, the thermal resistance will in fact exceed  $0.75 \text{ m}^2 \text{ K/W}$  (as indicated in the Robust Detail for walls). The minimum u value requirement of  $0.35 \text{ W/m}^2$  will be achieved if all products are fitted to manufacturers recommendations and thermally efficient products are used within the construction.

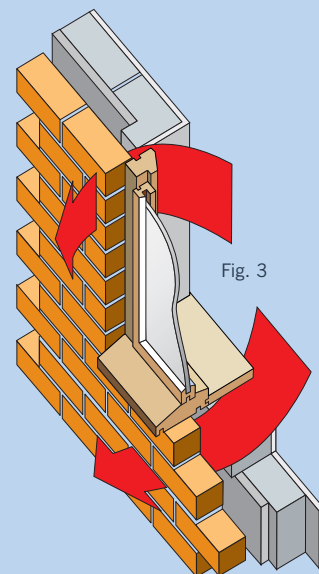


Fig. 3

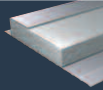
Fig. 3 Identifies the heat loss from a building which is the cause of cold bridging.

# SUPAFIX

A RANGE OF PRODUCTS  
YOU CAN TRUST

## Supafix

INSULATED CAVITY CLOSER



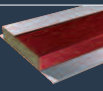
## Supafix Multicloser

MULTI WIDTH INSULATED CAVITY CLOSER



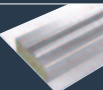
## Supafix FIRE RATED

INSULATED CAVITY CLOSER



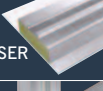
## TF1000/TF2000

INSULATED CAVITY CLOSER



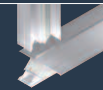
## TFR1000/TFR2000

FIRE RATED INSULATED CAVITY CLOSER



## Frame Formers

INSULATED CAVITY CLOSER



## DPC

INSULATED DPC



## Accessories

WEEPHOLES & FIXING TIES



Dacatie TF1000/TF2000 and Supafix are  
BBA Approved.



Dacatie Cavity Closers are designed with  
the recommendations of the NHBC in  
mind, notably their Good Practice Guide on  
Energy in New-build and Refurbishment.

[www.dacatie.co.uk](http://www.dacatie.co.uk)

**DACATIE**<sup>TM</sup>  
BUILDINGSOLUTIONS

SALES & TECHNICAL SUPPORT

**0161 622 2020**

f: 0161 622 2022 e: [sales@dacatie.co.uk](mailto:sales@dacatie.co.uk)

QUANTUM PROFILE SYSTEMS LTD.

SALMON FIELDS ROYTON OLDHAM LANCASHIRE OL2 6JG  
t: 0161 622 2020 f: 0161 622 2022 e: [info@dacatie.co.uk](mailto:info@dacatie.co.uk)

DACATIE is a registered trade mark of Quantum Profile Systems Limited.