

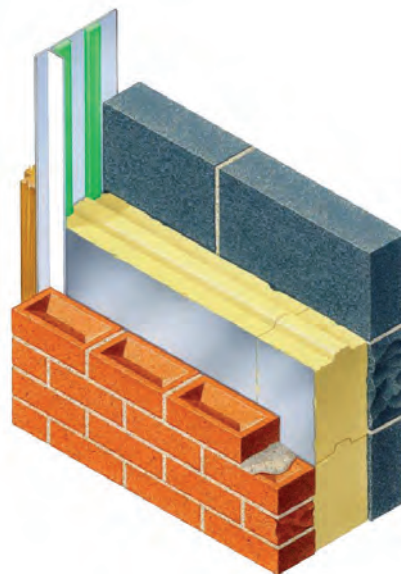
## Specifications

Product name - group	Type RFC Reveal Face Closer
Exposure Rating	Severe with set-back frame and Type C cavitrays Cavity – Standard Sizes Accommodated: From 50mm up to 150mm
Straight Reveals	Yes
Checked Reveals	No
Product Lengths	2.1m and 3.0m
Acts as Vertical DPC	Yes material not hygroscopic
Acts as Insulator	No function provided by full fill
Permits Different Frame Positions	Yes
Frames Fitted as Work Proceeds or Later	Later - second fix
Timber Frame / Traditional Construction	Both – subject to timber frame differential movement parameters
Masonry Skin Styles	All popular flat faced masonry
Undulating Masonry Face Finishes	Must have smooth vertical face to reveal opening
Acoustic Insulator	Yes - reduction by sleeved insulation
Fire Rated	No
Vertical and Horizontal Applications	Most
Compatible with other Cavity Wall Elements	Using a Type C horizontal Cavitrays over the window head is recommended as either side of the structural opening benefits good shelter above the Type RFC
Pack Sizes	x10 lengths
Weight per pack	13kg
Material	PVCU
Colour	White
Manufacturing Standard	BS EN 9001:2008
Building Regulations	Can be satisfied using this approach
NHBC / LABC / Premier Requirements	Yes requirements can be satisfied
Insulation Value	Not applicable, insulation provided by full fill
CFC Free	Yes + zero ODP
CAD Drawing Downloads Available	Yes

## TYPE RFC

### Reveal Face Closer

- Reveal cavity widths from 50mm – 150mm
- Thermal / Acoustic integral cushioning strip
- Reduces work on site
- Cavity insulation uninterrupted



### Requirement

To close reveal face permitting full fill cavity insulation to terminate flush with masonry opening so it runs uninterrupted.

## Solution

Where full fill cavity insulation is terminated at the reveal face, the requirement for a conventional closer can be eliminated. Instead the closing and finishing utilises a Reveal Face Closer. The rigid full fill insulation is commonly left protruding into the opening, and once the opening masonry has been completed the excess insulation is vertically sawn off flush with the reveal masonry.

The Reveal Face Closer is then secured to both masonry skins as a second fix operation at an appropriate time in the build programme. Flexible contouring cushioning on the cavity facing side of the Face Closer gently interfaces with the full-fill cavity insulation as the Type RFC is fitted. In so doing it accommodates small undulations and gaps and establishes a thermally and acoustically beneficial infilling connection.

A location moulding ensures the Type RFC aligns and unites with the external skin whilst fins on the reveal face guard against capillary water ingress. The Type RFC provides a rigid finish ready to accommodate subsequent introduction of the window or door frame.

## References

- PD EN 6697
- BRE Thermal Insulation Avoiding Risks
- BS EN ISO 10211 Thermal Bridges in building construction
- Building Regulations Part L
- Building Regulations Part C

## Designers' Comments

The integrity of the full-fill cavity insulation need not be interrupted and can terminate at the reveal face where the contouring cushioning can aid consolidation against acoustic and thermal performance of the Reveal Face Closer. The calculated thermal performance of the wall up to the opening thus remains unchanged. The Type RFC may be considered for use with popular styles of full-fill cavity insulation terminating with a sawn, rigid modular interlocking or semi-rigid cut fibre finish.

## Important

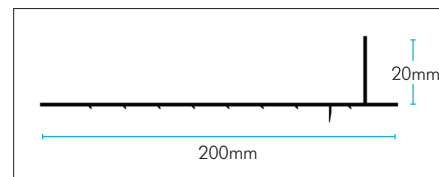
The Type RFC should only be considered for use where full fill cavity insulation of an approved type is present in the cavity and provides the requisite thermal insulation requirements to satisfy applicable regulations.



Full fill modular insulation is commonly out of alignment or finished too far back from the reveal face. Consequently there are gaps (hidden from view) between the insulation and a conventional cavity closer



Leaving the insulation projecting the reveal and cutting it vertically afterwards is an alternative approach.



## Bill of Quantity / Specification Wording

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

180 Cavity Closers

Manufacturer: Cavity Trays Ltd, Yeovil Somerset BA22 8HU Tel: 01935 474769

Type RFC to face-close cavity reveals where cavity insulation terminates flush with reveal face at window and door openings. Build in carefully observing manufacturers' instructions to ensure correct installation. (2.1 and 3.0m lengths). Metres run \_\_\_\_\_.