

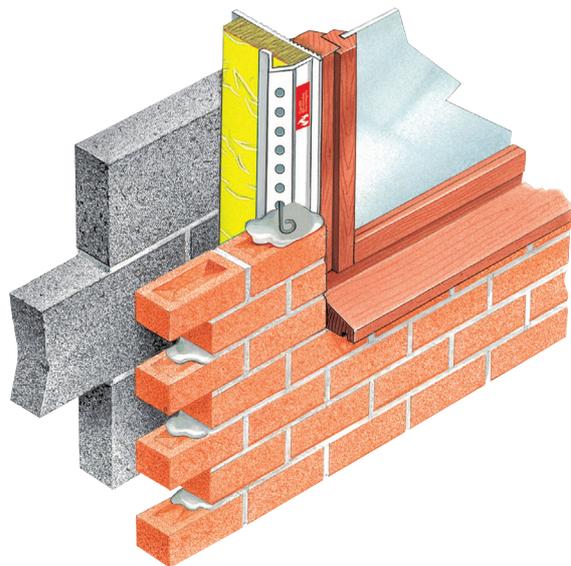
Specifications

| | |
|--|---|
| Product name - group | Cavi 60 Type V170 Cavicloser |
| Exposure rating | 30+mm setback. Severe Very severe when checked |
| Cavity - standard sizes accommodated | Up to 170mm |
| Special cavity widths accommodated | Yes – bespoke closer service state cavity width |
| Straight reveals | Yes – build in profile as supplied |
| Checked reveals | Yes – turn hinged section 90° prior to use |
| Product lengths | 2.1m, 3.0m |
| Acts as vertical dpc | Yes |
| Acts as insulator | Yes |
| Permits different frame positions | Yes |
| Frames fitted as work proceeds or later | Yes – first or second fix options |
| Construction | Traditional (masonry only) |
| Masonry skin styles | All popular flat faced masonry |
| Undulating masonry face finishes | Seek advice providing details of material |
| Acoustic insulator | Yes reduces direct and flanking transmission |
| Fire rated | Yes Prefix denotes 60mins (1hr) fire integrity rating when tested as stated, see: Important |
| Vertical and horizontal applications | Yes – see examples |
| Compatible with other cavity wall elements | No known restrictions |
| Securing ties supplied | Yes |
| Pack sizes | x6 lengths |
| Weight per pack | 2.1m x 6 = 13.5kg. 3m x 6 = 19kg. |
| Material | PVCU + rock fibre insulator + stainless ties |
| Colour | White extrusion |
| Building Regulations | Yes regulations can be satisfied |
| NHBC | Yes requirements can be satisfied |
| 'k' value of insulation used | 0.035W/mK |
| CFC free | Yes + zero ODP |
| CAD drawing downloads available | Yes |

CAVI 60 TYPE V170 CAVICLOSER

Fire Resistant Barrier / Closer

- One hour fire rating
- Cavity range 100mm to 170mm
- Acts as a DPC
- Closes and insulates reveal
- Acoustic reduction insulator



Requirement

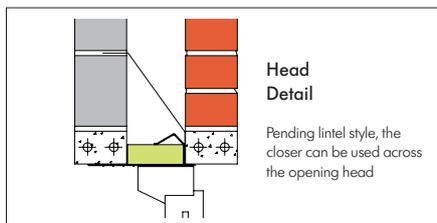
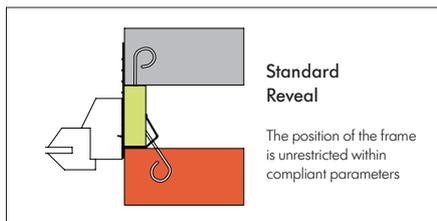
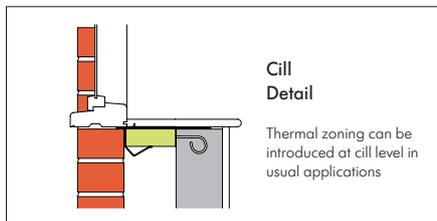
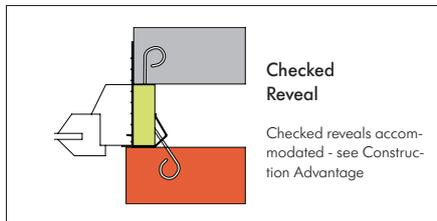
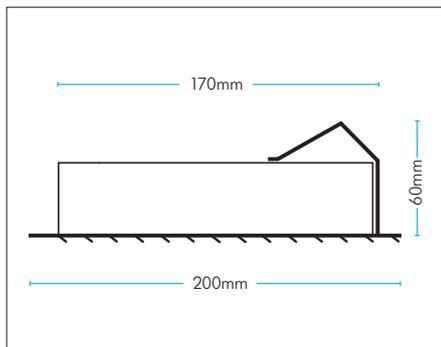
To close a reveal with a wider cavity where a one hour fire rating is required in addition to the closing, thermal and dpc qualities.

Solution

Cavities up to 170mm maximum can be economically closed with the Cavi 60 V 170 which has an acoustic reducing insulator facing into the cavity and an accompanying fire integrity rating of one hour.

References

- BS 476 (fire resistance testing)
- Part E details – resistance to the passage of sound
- Building Regulations Document C L1 & L2
- Scottish Tech Standards Part D
- Robust Details
- British Standard 5628-3
- BRE Thermal Insulation Avoiding Risks
- BS EN ISO 6946:1997



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

Cavi60 Type V170 Fire Rated Cavicloser to all window and door reveals in cavity walls. Incorporate in Build in carefully observing manufacturers' instructions to ensure correct installation. (2.1m and 3.0m lengths). Metres run _____.

Important

Fire-rated closers have been fire tested at independent Fire Research Stations, achieving the levels of fire integrity displayed with traditional masonry brick and block construction. These tests comply with BS 476: Part 20: 1987. The Cavi 60 prefix identifies closers achieving a sixty-minute fire integrity rating within our reporting parameters.

Where usage falls outside of this scope such as where one skin is not of masonry, it is the users responsibility to ensure the proposed construction provides a level of stability, integration, performance and fire resistance that is fit for purpose and the resultant detail will perform to the standard created and required by the user.

Attention must always be paid to any possible deflection or distortion which could cause gaps to form between the material and a fire barrier.

In the event of a fire, Cavity Trays Ltd cannot accept liability for failure where usage is outside of the standard application, including but not limited to, where deflection or distortion has allowed gaps to form around the barrier, or where the barrier is not fitted in accordance with the manufacturer's guidelines.

Cavi-60 rated closers are insulated with rockfibre mineral wool which conforms to the BS EN 13162: 2001 and has a thermal conductivity of 0.035W/mK.