

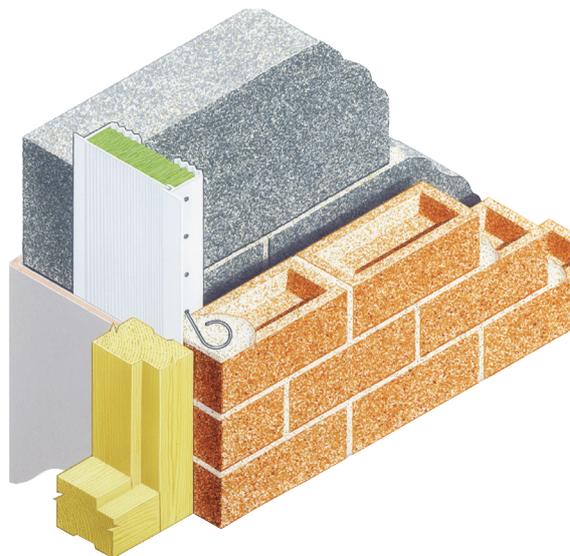
Specifications

| | |
|--|---|
| Product name - group | Cavi 60 Type WCA Cavicloser |
| Exposure rating | 30+mm setback. Severe Very severe when checked |
| Cavity - standard sizes accommodated | From 100mm up to 150mm |
| Special cavity widths accommodated | Yes bespoke closer service offered |
| Straight reveals | Yes – build in profile as supplied |
| Checked reveals | Yes – build in as checked illustration |
| 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 – insulation promotes reduction |
| Fire rated | Yes – Prefix denotes 60 mins (1 hr) fire rating |
| 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 = 20kg, 3m x 6 = 28.5kg. |
| Material | PVCU + rock wool insulator + stainless ties |
| Colour | White |
| 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 WCA CAVICLOSER

Type WCA Cavicloser

- 60 minutes fire integrity rated closer
- Acts as a DPC
- Accompanying stainless steel anchoring ties
- For cavity widths up to 150mm
- Micro fins



Requirement

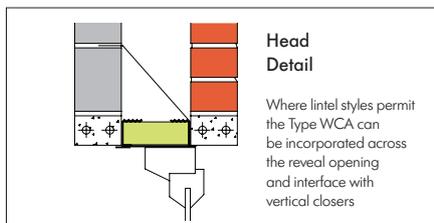
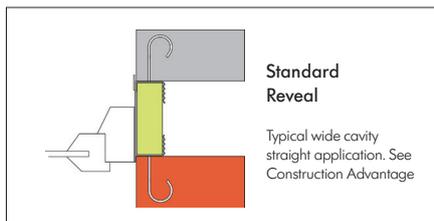
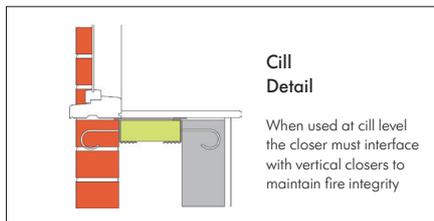
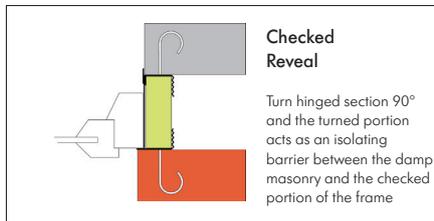
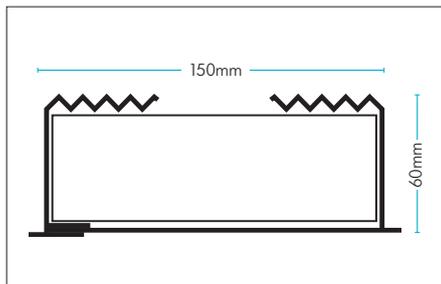
To close a reveal where a two hour fire rating is required in addition to the closing, thermal and dpc qualities.

Solution

With a one hour fire rating and a maximum cavity width accommodated of 150mm, the Cavi 60 Type WCA provides a robust method of closing and protecting wider reveals. The large sound-absorbing insulation core is secured behind the heavy duty ribbed face which permits an unrestricted choice of frame positions within thermally efficient parameters.

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 10211: Thermal bridges in building construction



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 WCA 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.



See how a fire rated cavicloser works