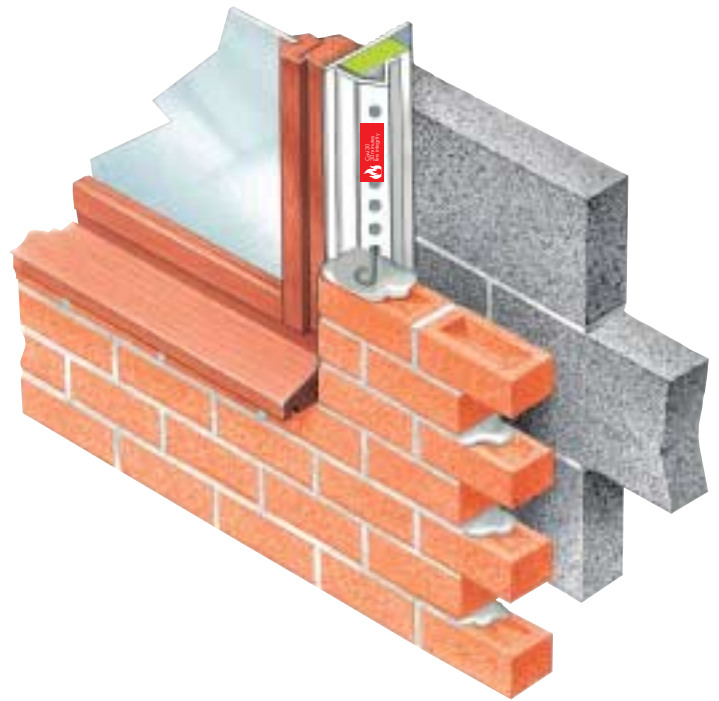


# Cavi120

## Type V Cavicloser



- 120 minutes fire integrity rating
- Suitable in cavities from 50mm to 100mm wide
- Acts as a DPC
- Closes and insulates reveals
- Anti capillary Fins

CLOSER SECTION

### designers' comments

Warrington Fire Research Centre conducted testing. The test was in accordance with performance criteria as defined in BS 476: Part 20: 1987, achieving 120 minutes integrity. Scottish Technical Standards call for fire resistance and non-combustibility (Section D2), requiring cavity barriers to provide 30 minutes resistance when tested from both sides. Always check what other fire protection measures are required elsewhere in the building.

Ask for a copy of the British Standard testing procedure employed so you fully understand how and the circumstances under which this product has been rated. Employers and agents have statutory duties regarding liabilities for risk assessment. Ensure your design meets the required standard. All advice is inevitably generalised and you should ensure it is relevant to the specific circumstances in which you seek to apply it.

### problem

How to close and create fire-rated reveals designated 120 minutes fire integrity. How to insulate and establish a vertical DPC.

### introduction

The Type V cavicloser with a Cavi120 prefix identifies it as having 120 minutes fire integrity rating. For general details relating to the Type V versatility, please see previous pages.

### solution

This vertical fire integrity closer has been tested for use in cavities up to 100mm wide in traditional construction. The design of the Cavi120 Type V incorporates a non-combustible fibre-insulating strip that completely fills the cavity reveal. The closer

provides an economical way of constructing reveals with a defined fire integrity standard.

The fire integrity rating is achieved with the use of a non-combustible semi-rigid rock mineral wool insulating medium, bonded with a high performance binder. Non-combustible stainless steel ties secure the closer housing and extend into the bonded rock wool. The tying and restraint measures therefore anchor the closer insulating medium from both skins of the masonry wall.

### sizes

See previous Type V entry for general use details. Cavi 120 Type V is available in lengths of 2.1m and 3.0m to suit cavity widths of

50mm, 75mm and 100mm. Non-standard widths are available to special order.

### material

PVUC compound.  
Stainless steel ties.  
Non-combustible semi-rigid rock mineral wool insulation bonded with a high performance binder.

### bill of quantity wording

Close cavities vertically with fire-rated insulated Cavi120 Type V cavicloser.....wide by Cavity Trays of Yeovil, Somerset, BA22 8HU (01935 474769). Adhere to manufacturer's fitting instructions. Metres run.....

### ordering/regulations

See inside back cover for details.

### related products and applications

See all models with prefix of Cavi60, Cavi90, Cavi120 and Cavi150.

For closing methods see closers listed in Section 2.

