Specifications

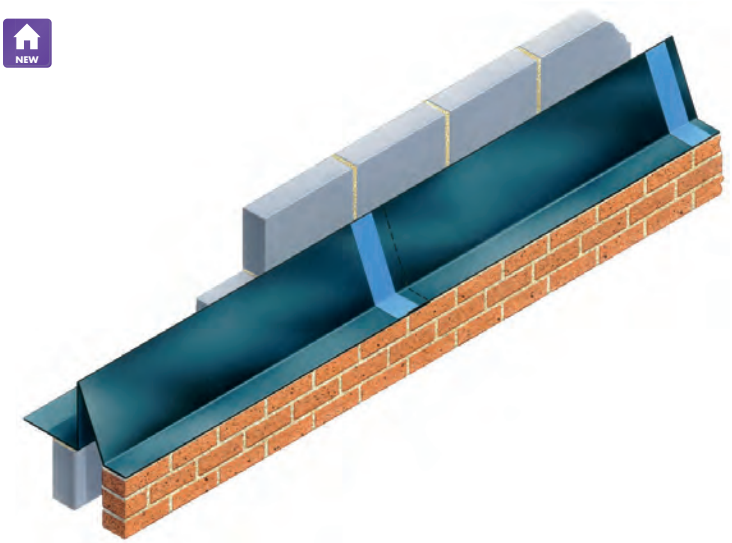
Product name - group	Cavicloak Rise and Fall Barrier
Cavity widths accommodated	From 50mm - Most width accommodated
Dimensions	All dimensions and shapes variable.
Bespoke options	Yes
Traditional construction compatible	Yes
Timber frame construction compatible	Yes
New work applications	Yes
Masonry skin styles	No known limitation
Undulating masonry faces	Compatible
Congruent with other wall elements	No identified incompatibility
Arrested water evacuation	Via Caviweeps (selection) in perp joints
Thermal transmission of material	Negligible - 0.15 – 0.17
Material	Polypropylene DPC
Colour	Black
Extrudes / compresses under load	No
Pack size	No minimum
CFC	CFC Free
ODP	Zero
Regulation compliance	Yes can be used to satisfy arrestment
May be used if cavity insulation present?	Functionality not affected
CAD downloads	Yes
Design considerations	Inner skin projection can be extended inwardly to suit various construction configurations

CAVICLOAK RISE AND FALL BARRIER

Preformed self-supporting horizontal DPC

- Self-supporting defined profiles
- Higher level inner skin interruption eliminated
- Easy interfacing with membrane
- Avoids gaps in cavity insulation

NEW



Use

To protect against dampness and rising land gases within external cavity walls. Cavicloak Rise and Fall Barrier Profiles differ from conventional cavity barriers as their use eliminates the need to support merging protective mediums at a higher course level within the cavity wall.

Solution

Conventional cavity barriers rise a minimum of 150mm within the cavity and are supported by being built-into the nearest/highest inner skin course.

When the inner skin is constructed of blockwork the course is regularly higher up – so the formation uses additional material. This formation also creates a cumbersome arrangement where the barrier top must be linked with the oversite membrane, a necessary requirement when protecting the building (and its inhabitants) against contaminated land gases such as Radon.

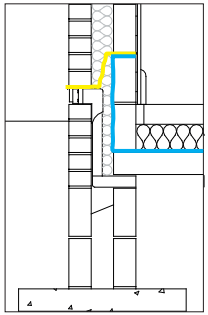
Rise and Fall Barriers are self-supporting and offer the convenience of starting within the outer skin and finishing within (and beyond) the inner skin at the same level. A more easily-managed build sequence and compact protective arrangement is secured. Integration of barrier and oversite membrane is at the lowest possible level.

Rise and Fall Barriers are supplied in long lengths with internal and external angles and a range of stepped links. Once bedded onto both skins and joined utilising sealing capping profiles that straddle abutting sections, raising of the cavity wall may continue. Barriers are usually supplied with the inner skin section projecting 150mm beyond the inner skin internal face. This permits the membrane and barrier to positively integrate.

Important: Overlapping of Rise and Fall Barriers is not possible. Adjoining sections must be butted together and tape linked.

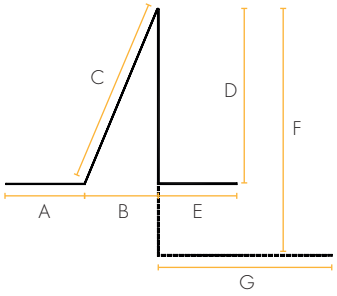
How to Order

We will be pleased to take-off all your requirements and submit our schedule for approval. Alternatively, determine optimum barrier by adding dimensions to profile shown, and calculate overall run lengths plus internal and external angles, advising also of any stepped units. Allow for capping links.



The design detail and the resultant as-built detail, demonstrating the necessity to rely on support from a convenient inner skin course can result in the arrangement being rather cumbersome.

Inner skin coursing is not interrupted



Dimensions		
	Set Dimensions	Amended Dimensions
A		
B		
C		
D		
E		
F		
G		

Bill of Quantity / Specification Wording

F30 -Clause 370 Preformed Cavity Trays

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

Cavicloak Rise and Fall Barriers to be incorporated into both cavity wall skins at specified level of all external walls and linked with protection across door openings and integrated with oversite membrane to form continuous footprint protection. Build in carefully observing manufacturers' instructions to ensure correct installation. See schedule of lengths/angles, steps, capping links.