

Specifications

Product name - group	Cavicloak and Cavilength
Cavity widths accommodated	From 50mm up to 400mm
Dimensions	To order – see popular styles illustrated
Bespoke options	Yes
Traditional construction compatible	Yes self-supporting or Cavistrap option
Timber frame construction compatible	Yes
New work applications	Yes
Retrofit applications	No
Masonry skin styles	No known limitation
Undulating masonry faces	Compatible
Curved wall on plan applications	Yes – see Curved Wall entries
Jointing method	Lap 150mm & sealing strip jointing
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	Available individually
CFC	CFC Free
ODP	Zero
Regulation compliance	Yes can be used to satisfy arrestment
May be used if cavity insulation present?	Insulation should not affect functionality
CAD downloads	Yes
Design considerations	Curved applications - see separate entry

CAVICLOAKS AND CAVILENGTHS

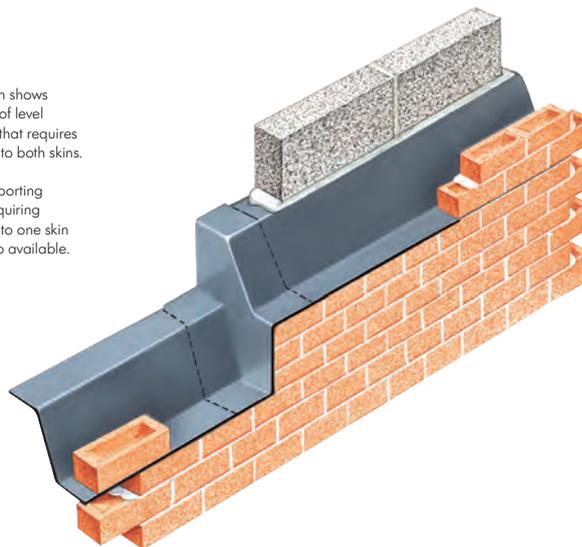
Preformed Damp Courses

- Ready-shaped modular DPC cloaks
- Modular components eliminate site fabrication variances
- Accurate scheduling and stock control
- Upstand termination option (self-supporting or return into inner skin)
- Ready to use - no wastage



*Illustration shows a change of level cavicloak that requires building into both skins.

A self-supporting version requiring building into one skin only is also available.



Use

To provide damp course protection that is shaped three-dimensionally and able to protect and service structural elements, level changes and projections.

Solution

Cavicloaks are preformed moulded DPC units for use in cavity walls for use where uninterrupted protection is required upwardly and inwardly.

Moulded from solid DPC Polypropylene, Cavicloaks are self-supporting and hold to profile. Cavicloaks offer flexibility without sagging or distorting. Accordingly additional support is not required when overlapping joints in standard applications.

Cavilengths are moulded to the same profiles as the Cavicloaks. Supplied in easy to handle lengths that lap and seal, they permit long runs to be swiftly created, benefiting preformed continuity and consistency in shape.

Size

When selecting or ordering Cavicloaks, there is the option of whether the top of the cloak is returned into the inner leaf as illustrated, or terminates against it. It is the choice of the specifier and attention is drawn to the Designers' Comments that highlight the considerations.

Long lengths to run between cloaks supplied in matching profile lengths of 2440mm unless otherwise requested.

Cavicloaks provide a reliable alternative to cutting and fabricating roll DPC on site, reducing time, wastage and easing procurement and stock control.

How to Order

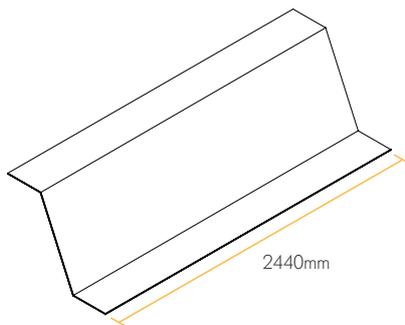
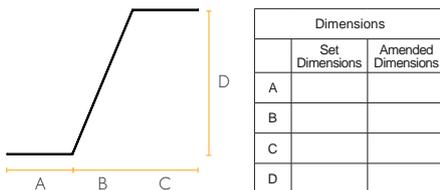
We will take off and schedule your requirements.

Alternatively, complete the Profile Dimension Panel overleaf and state number of Cavilengths required, number of internal and external corners, and number of changes of level. Remember to allow for laps and add to your requirements edging tape / linking strip, join adjacent lengths. See following pages for explanation and jointing options.

Contaminated Land

Where the perimeter wall construction is required to also protect against rising contaminated land gases such as Radon, please refer to the specific Contaminated Land Barriers section within this manual that offers combined gas/DPC solutions with oversite membrane integration.

Preformed Cavicloak Lengths 2440mm (Specify dimensions)



Designers' Comments

When used at ground level, both skins of a cavity wall are level with each other. Building the Cavicloak into the inner skin at this level is the usual choice because a support course is normally at an appropriate height and readily available. As both skins are raised they can drift out of level – especially if each is being built using a different masonry module. In such instances as higher levels of the wall are reached, the specifier may elect for self-supporting Cavicloaks requiring no inner skin support. If intermediate floor levels or similar masonry skin alignment opportunities exist, the specifier commonly has both choices available. Cavicloaks at ground level can dual-function, arresting upwardly (rising) damp and also downwardly moving (wall penetrating) water, thus addressing PD 6697:2010 - recommendations for the design of masonry structures to BS EN 1996-1-1 and BS EN 1996-2. Always provide a water evacuation route (Caviweep) even if the wall is rendered, to comply with 6.2.7.71 of PD 6697:2010 that states rain will penetrate and run down the inside face of a wall rendered externally.

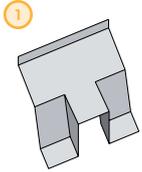
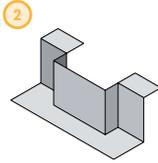
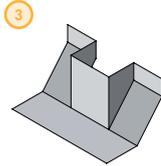
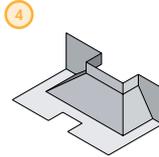
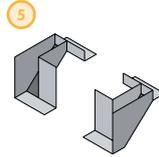
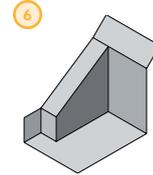
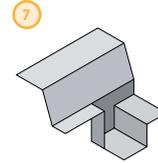
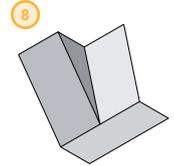
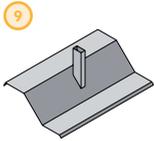
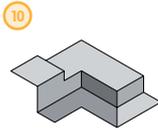
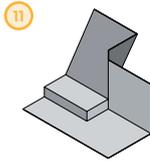
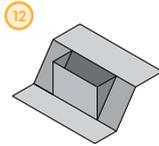
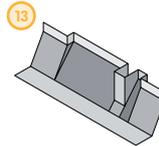
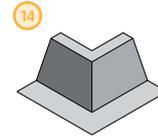
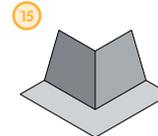
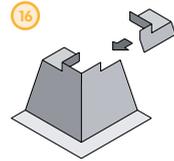
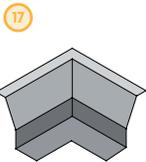
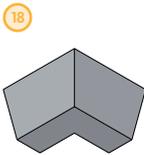
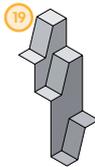
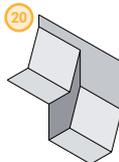
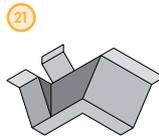
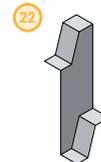
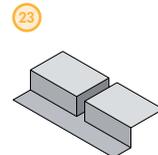
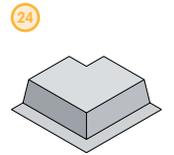
Bill of Quantity / Specification Wording

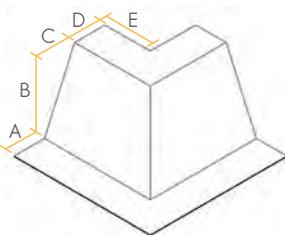
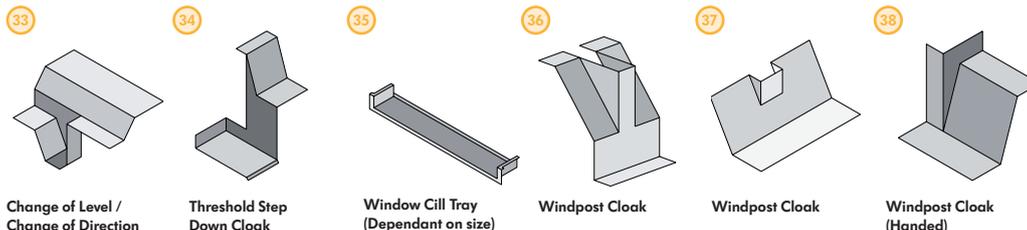
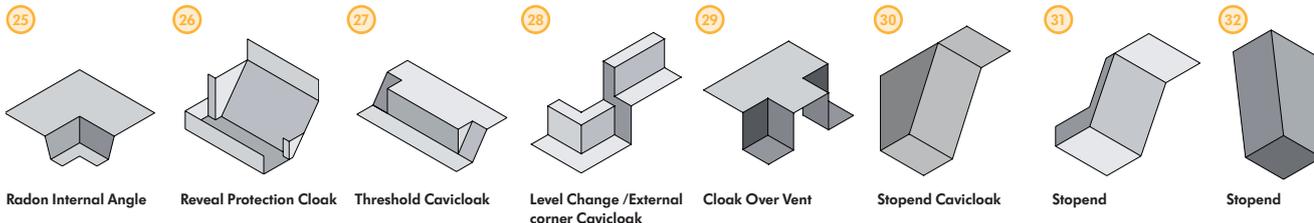
F30 -Clause 330 Damp Proof Course.

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

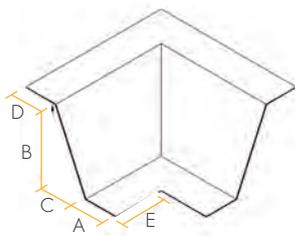
Cavicloaks and Cavilengths to be incorporated, lapped and joints sealed in cavity walls to form a continuous protective shaped DPC where shown. Build in carefully observing manufacturers' instructions to ensure watertight installation. _____Metres run. Angles internal _____. Angles external _____.

CAVICLOAKS AND CAVILENGTHS (CONTINUED)

1
Balcony Cloak2
Column Cavicloak3
Column cloak4
Column Cloak5
Column Cloak
(Supplied in two pieces)6
Corbel Cloak7
Change of Profile /
Change of Direction /
Change of Level CC8
Change of Profile Cloak9
Type C/P with pipe
projecting through
cloak10
Change Profile /
Corner Cloak11
Change of Profile /
Intersection Seal12
Cloak around vertical
vent sleeve13
Column / Windpost
Cloak14
External Angle15
External Angle16
External Corner/
Column Cloak17
Internal Angle18
Internal Angle19
Level Change20
Step down cloak
(Small step)21
Internal Corner /
Column Cloak22
Step down
cloak (Large step)
(150mm - 600mm High)23
Party Wall Link
Cavicloak24
Radon External Angle



	Dimensions	
	Set Dimensions	Amended Dimensions
A		
B		
C		
D		
E		



	Dimensions	
	Set Dimensions	Amended Dimensions
A		
B		
C		
D		
E		

Telescopic adjustable ventilators (Type TAV) (to ventilate underfloor areas) have been built into the exterior cavity wall prior to bedding of the perimeter Cavicloak. Each ventilator has been extended in height to take advantage of the Cavicloak bedding level coinciding above it and providing protection. This approach removes the necessity to individually protect each ventilator at a lower course level.