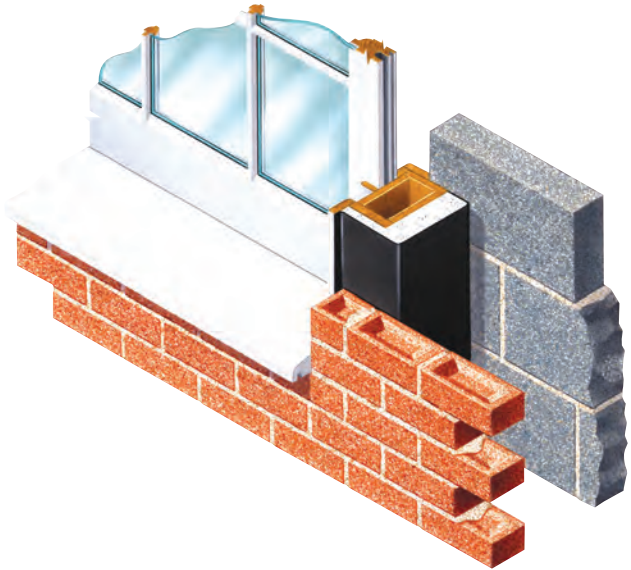
Specifications

Product name - group	Sash Frame Insulated DPC
Cavity widths accommodated	From 50mm up to 200mm
Dimensions	Standard 2400mm lengths Profile variable / bespoke
Bespoke options	All
Traditional construction compatible	Yes
Timber frame construction compatible	Yes
New work applications	Yes
Retrofit applications	In some instances
Masonry skin styles	Flat surfaced
Undulating masonry faces	No
Curved wall on plan applications	No
Congruent with other wall elements	No identified incompatibility
Arrested water evacuation	N/A
Thermal transmission of material	Negligible
Material	Polypropylene DPC Polystyrene + options
Colour	Black
Extrudes / compresses under load	No
Pack size / weight	Varies pending design
CFC	CFC Free
ODP	Zero
Regulation compliance	No adverse affect
May be used if cavity insulation present?	Functionality not affected
CAD downloads	Yes
Profile considerations	Continuity core option pending build detail

SASH FRAME INSULATED DPC

Insulated damp course profiles

- Provides vertical DPC separation
- Reduces heat loss potential
- New and existing structures applications
- Bespoke service



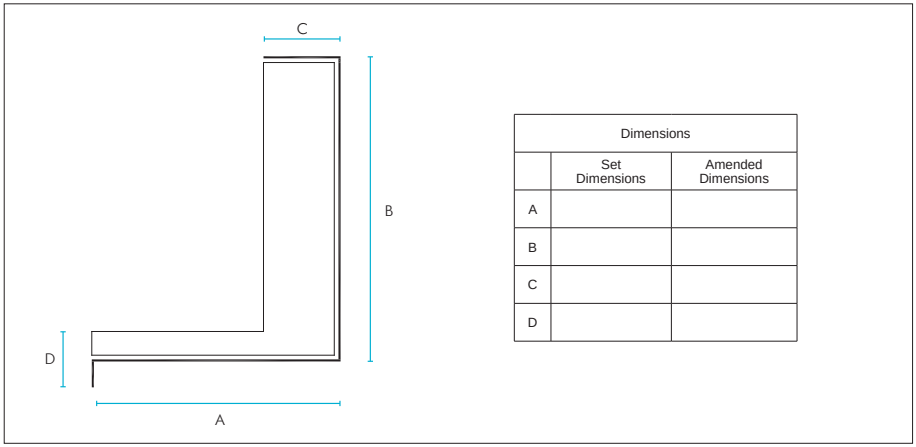
Requirement

Establishes DPC separation between masonry and frame. Introduces thermal break to aid reduction in heat loss from the structure.

Solution

Sash Frame Insulated DPC's provide two functions. They introduce DPC integrity along the line of the masonry check and cavity, guarding against wet transference into the sash box. They also reduce the potential heat loss opportunities, utilising an insulating layer (of a thickness dictated by the available space) bonded to the DPC surface(s).

Sash Frame Insulated DPC's are available to order for traditional counterweight frames and balanced spring frames. In refurbishment applications where a balanced spring frame is replacing a conventional counterweight frame, the opportunity also exists to fully insulate the resultant void. Modified versions are available for use with solid walls where enveloping the frame is desired to improve isolation against.



Dimensions		
	Set Dimensions	Amended Dimensions
A		
B		
C		
D		

Determining Requirements

Provide wall section and plan. Profile can be determined and a proposal/cost offered for consideration.

Previously uninsulated frames can benefit thermal upgrading without visual impact

Insulated DPC is not visible in typical sash window re-installation

Designers' Comments

Two changes occur when a typical brick external skin becomes rain saturated. (1) The conductivity of the brick effectively doubles, so the calculated heat loss potential increases compared with conventional calculations. (2) The masonry supports water transference aided by wind pressure and the effects of the pressure differential in and out of the cavity wall. Sash Frame Insulated DPC's act as vertical barriers against these mediums.

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

Bespoke Sash Frame Insulated DPC to all replacement window openings prior to installing replacement frames. Build in carefully observing manufacturers' instructions to ensure correct installation. (2400mm lengths). Metres run _____.