Specifications

Product name - group	Type TST
Dimensions - standard popular widths	910mm, 932mm, 980mm, 1010mm, 1200mm, 1500mm, 1810mm, 2400mm
Dimensions - standard depth – inboard	485mm (can be trimmed)
Dimensions – sill upstand	115mm (can be trimmed)
Dimensions - reveal upstand	175mm (can be trimmed)
Bespoke options	Yes – all sizes can be chosen
Traditional construction compatible	Yes
Timber frame construction compatible	Yes
New work applications	Yes
Retrofit applications	Yes if access possible
Masonry skin styles	No known limitation – flat finishes
Undulating masonry faces	Reveal faces must be flat
Congruent with other wall elements	Subject to specification check
Arrested water evacuation	None – barrier function only
Thermal transmission of material	Negligible
Material	Polypropylene DPC
Colour	Black
Extrudes / compresses under load	No
Pack size	Available individually
CFC	CFC Free
ODP	Zero
Regulation compliance	To aid correct status

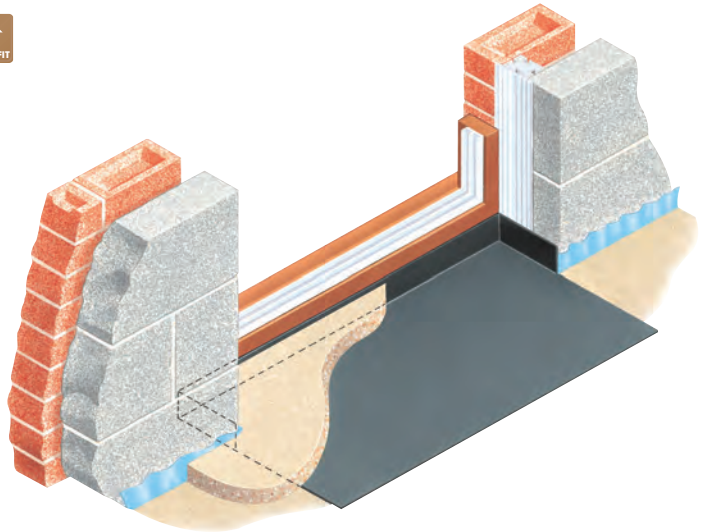
TYPE TST

Threshold and Sill Overlay Tray

- Standardised ready-shaped solution for openings
- Ensures continuity of oversite membrane protection
- Not susceptible to misplacement or damage

NEW

RETROFIT



Use

To alleviate damp protection shortfall at door openings where horizontal and vertical DPCs merge.

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Solution

The Type TST Tray is a moulded three-sided DPC overlay tray designed for use at door openings. It is positioned on the oversite prior to the laying of the screed. Its function is to ensure the damp external skin masonry and the vertical closing DPCs are isolated from and cannot connect with the screed. The Type TST ensures a protective layer exists against the reveals and the sill.

The base of the Type TST Tray is enveloped under the screed for the full width of the opening and provides an effective extension of the oversite membrane. It addresses localised DPC and membrane misplacement and aids regularisation of damage to these mediums that commonly occurs through foot traffic during the course of construction.

Where sills of low or minimal rise are incorporated, it can be particularly beneficial in establishing a positive interfacing.

The Type TST Tray provides the house builder with a means of constructing every door opening with the damp protection integrity intended and is used by some as a means of quality assurance control.

Designers' Comments

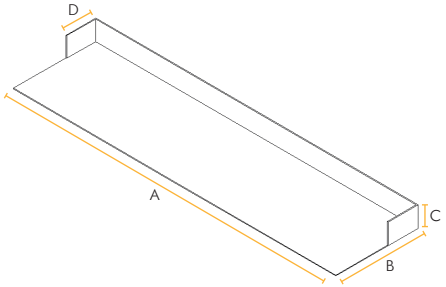
The original BRE investigation of traditional housing identified 955 faults and 11th on the list was missing/faulty damp courses to door sills and thresholds. Textbook methods do not take into account damage that occurs to membranes left protruding especially at door openings and in particular where the vertical element interfaces. The Threshold overlay tray can re-establish the intended arrangement when incorporated at openings and is used by leading house builders as a means of maintaining trouble-free consistency of construction.

How to Order

State width, depth and return dimensions. Product supplied with 75mm upstand unless otherwise stipulated.

Whilst threshold configurations vary, all share the requirement of having to merge horizontal DPC with vertical closer DPC with oversite membrane. Two predominant weak spots occur:

The corner of the inner leaf where the membrane rises up is commonly cut or split and the merging of vertical DPC/closer where it meets the horizontal DPC at sill level is not watertight.



Dimensions		
	Set Dimensions	Amended Dimensions
A		
B	485mm	
C	115mm	
D	175mm	

Bill of Quantity / Specification Wording

F30 -Clause 370 Preformed Cavity Trays

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

Type TST Threshold and Sill Overlay Tray to be incorporated at all door openings prior to laying of screed, ensuring integration with adjacent protective elements, observing manufacturers' instructions. TST width _____mm x depth _____mm with _____mm returns x _____mm upstand.