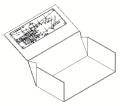
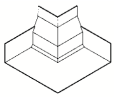
Everdry adjustable stepped cavity trays for brickwork

Stepped cavity tray system for multi cavity options in brick wall construction of 75mm course heights

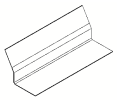
Intermediate tray (LH)



Stopend starter tray (LH/RH)



Corner starter tray (LH/RH)



Ridge tray

Use

- At the abutment of a pitched roof with a cavity wall
- On external walls - not exceeding 120mm thickness - built from standard brickwork or similar sized components with regular course heights, including mortar of approx. 75mm
- On roof pitches of 15 degrees and above
- Clear cavity widths of between 50mm-110mm

Features and benefits

- High adjustable back upstand
- Adjustable upstand to cover 50mm-110mm clear cavities
- Roof pitch marks on tray upstand to give installation guidance
- Cavity tray builds into outer leaf only to speed up installation and allowing both inner and outer leafs to be built independently if required
- Optional longer tray for roof pitches less than 25 degrees
- The system is available on request with pre-applied polystyrene strips. Polystyrene is much easier to rake out than mortar and offers a visual locator of the cavity tray so aiding the installation of post fitted lead work. (This service may incur additional charge)

Quality

- BBA approved
- Satisfies all NHBC requirements
- Manufactured to BS EN ISO 9001 and BS EN ISO 14001
- Complies with all relevant Building Regulations
- Meets all relevant British Standards

Material and colour choice

- All components in the range are injection moulded in 2mm polypropylene for added durability, toughness and quality
- Available in black only

Products in the range

Intermediate trays
Suits all cavity options - forms main tray run with one tray on each course of brickwork running the full length of the abutting roof slope.

Stopend starters
First component to be installed and fitted at the lowest point on a standard abutment. It collects water gathered by the rest of the system and discharges it from the wall through a weep unit.

Corner starter trays
Has the same function as stopend starter tray but is used where the abutting roof comes up to, or beyond, the corner of the main building. Designed to return around the corner of the building to provide complete protection.

Ridge trays
Used where a right hand and left hand roof slope come together at an apex to straddle the top two intermediate trays.

Installation advice

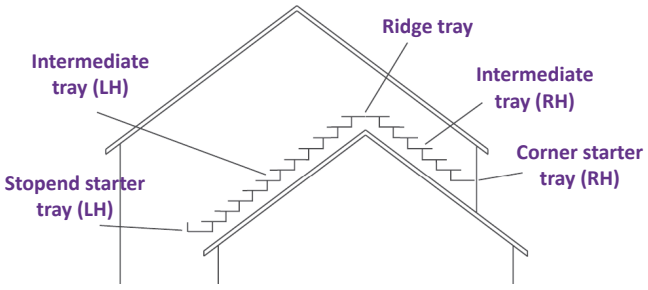
- The core tray will suit clear cavity widths of 50mm-110mm
- Weep holes in starter and corner starter trays can be formed simply by installing purpose made Timloc plastic wall weep units (product 1143/ Invisiweep)
- Trays and/or where particularly porous facing brickwork is used, it is strongly recommended that extra weep holes are provided at intermediate points along the run of cavity trays.
- Many components come in left or right handed versions. Handing is dictated by the direction of the abutting roof slope.

Please see technical section for more details.

Bill of quantity

F30 Accessories/sundry items for brick/block/stone walling
Clause
370 | PREFORMED CAVITY TRAY / ACCESSORIES

- Manufacturer: Timloc Building Products, Timloc House, Ozone Park, Howden, East Yorkshire, DN14 7SD. T: 01405 765567 W: www.timloc.co.uk
- Type(s) and location(s): Cavity tray to be installed into brickwork over stepped/sloping roof abutments on new build and remedial work applications.
- Build in carefully in accordance with manufacturer's recommendations to ensure a fully watertight installation.
- Reference....e.g. 10001 Intermediate Tray (RH) 225mm long (roof pitches 25°+)



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Timloc Building Products, Timloc House, Ozone Park, Howden, East Yorkshire, DN14 7SD
T: 01405 765 567 **E:** sales@timloc.co.uk **W:** www.timloc.co.uk **Technical** | **E:** technical@timloc.co.uk

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Stepped cavity tray system for multi cavity options in brick wall construction of 75mm course heights

Free cavity tray specification and scheduling service

Contact Technical on 01405 765 567

How to order

- To calculate quantities allow one cavity tray per course on each roof slope. One stopend starter or corner starter is needed per roof slope, and one ridge tray at each apex
- Check roof pitch and select correct length of tray to suit it
- Select the correct handing to suit the direction of each roof slope
- Always state cavity width, roof pitch and coursing height to ensure correct goods are despatched

Calculating quantities of stepped cavity trays

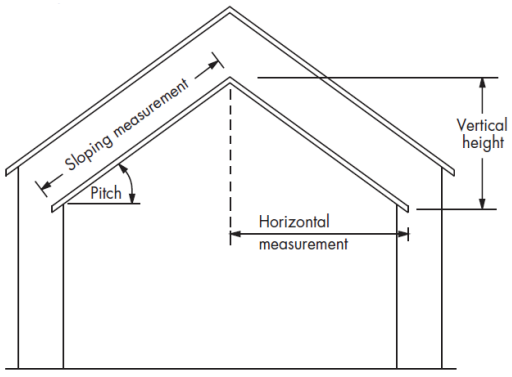
Stepped cavity trays are used where a pitched roof abuts a cavity wall. To calculate the quantity of trays required to cover a section of roof abutment one of three measurements must be determined, either the vertical height or the sloping or horizontal length of the abutment. If the vertical height is measured, simply divide this distance by the coursing height of the material being used for construction.

E.g. If the vertical height is 1.5m and the wall is standard 75mm brick coursing (NB 75mm = 0.075m) the equation would be 1.5 ÷ 0.075 = 20. Therefore 20 No. cavity trays are required per sloping abutment.

If the sloping or horizontal distance has been measured the tables shown opposite should be used to convert the distance (measured in metres) into the quantity of cavity trays. Take care to select the correct table and the appropriate column which relates to the coursing height and the pitch of the abutting roof.

E.g. If the sloping measurement is 2.5m, at a pitch of 30°, with a 75mm brick coursing height the equation would be 2.5 x 6.7 = 16.75. This would be rounded up, so 17 No. cavity trays are required.

E.g. If the horizontal measurement is 1.5m, at a pitch of 40°, with a 75mm brick coursing height the equation would be 1.5 x 11.2 = 16.8. This would be rounded down, so 16 No. cavity trays are required.



Stepped cavity trays sloping measurement

Roof pitch	Coursing height 75mm brick
10°	2.3
12.5°	2.9
15°	3.5
17.5°	4.0
20°	4.6
22.5°	5.1
25°	5.6
27.5°	6.2
30°	6.7
32.5°	7.2
35°	7.7
37.5°	8.1
40°	8.6
42.5°	9.0
45°	9.4

Stepped cavity trays horizontal measurement

Roof pitch	Coursing height 75mm brick
10°	2.4
12.5°	3.0
15°	3.6
17.5°	4.2
20°	4.9
22.5°	5.5
25°	6.2
27.5°	7.0
30°	7.7
32.5°	8.5
35°	9.3
37.5°	10.2
40°	11.2
42.5°	12.2
45°	13.3

Product codes

75mm brick coursing

Description	Length	Handing	Product codes To suit clear cavity widths of 50mm -110mm
Intermediate tray	225mm	RH	10001
Intermediate tray	225mm	LH	10002
Intermediate tray	420mm*	RH	10011
Intermediate tray	420mm*	LH	10012
Stopend starter tray	225mm	RH/LH	10031
Corner starter tray	225mm	RH/LH	10041
Ridge tray	225mm	N/A	10061
Ridge tray	420mm	N/A	10062

For trays to suit clear cavity widths of 111mm+ can be made to order.
For trays featuring the polystyrene strip mortar barrier insert 'P' at the end of the required product code. This may incur additional charge.
N.B Stopend starter, corner starter and ridge trays suit all roof pitches
* For roof pitches 15°-22.5°
525mm long tray available "fixed cavity" for roof pitches 10°-15°

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