

# Associated Items

## Related Construction Products

### **IMPORTANT**

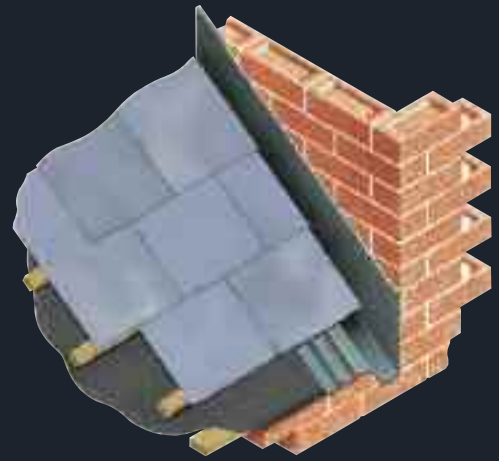
Valley troughs, running soakers and supporting products may be used within roofs constructed to BS5534: part 1 - 1990 (slating and tiling) and BS8000: Part 6 – Code of Practice for slating and tiling of roofs and cladding. Fire resistance SAB to BS476 part 3 and Class 3 of part 7.

Within this section are components and accompaniments applicable to roof space access, roof construction and floor service duct provision.

# Type CRSS

## Continuous Running Soaker Strip

- Pre-shaped continuous soaker/secret gutter
- For roof pitches 22.5° to 60°
- Not visible once installed
- Lightweight and easy to handle



### USE

Continuous soaker for use where a slate roof abuts a masonry wall.

### SOLUTION

The Continuous Running Soaker Strip may be used instead of conventional lead soakers where a roof of slate abuts a vertical fair faced masonry wall.

Manufactured from glass reinforced polyester and coloured grey, the strip provides a lower cost water arrestment option. Conventional lead may still be used at the saddle.

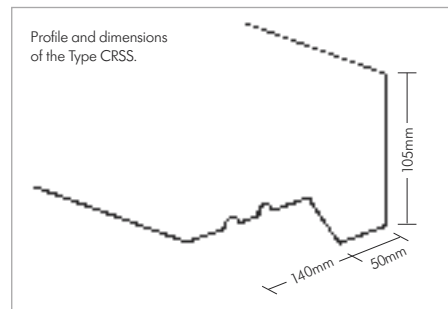
The upstand is required to rise tightly against the masonry face and has an unlippped top so no chasing is necessary. The upstand can be secured to the masonry if required either by mechanically fixing or by using an appropriate bonding adhesive.

### SPECIFICATION WORDING

Type CRSS Continuous Running Soaker Strip by Cavity Trays of Yeovil Somerset BA22 8HU (01935 474769).

Incorporate where sloping slate roofs intersect masonry walls.

Metres run .....



#### PRODUCT NAME - GROUP

Type CRSS Continuous Running Soaker Strip

#### DIMENSIONS

3000mm 190mm x 105mm high upstand

#### ROOF PITCH SUITABILITY

22.5° to 60°

#### BESPOKE OPTIONS

No

#### TRADITIONAL CONSTRUCTION COMPATIBLE

Yes

#### TIMBER FRAME CONSTRUCTION COMPATIBLE

Yes

#### NEW WORK APPLICATIONS

Yes

#### RETROFIT APPLICATIONS

Yes

#### MASONRY SKIN STYLES

Most – avoid recessed pointing adjacent

#### UNDULATING MASONRY FACES

No – surface required to be flat and vertical

#### CONGRUENT WITH OTHER WALL ELEMENTS

No identified incompatibility

#### ARRESTED WATER EVACUATION

Gutter

#### THERMAL TRANSMISSION OF MATERIAL

N/A external of masonry face

#### MATERIAL

Glass reinforced polyester

#### COLOUR

Grey finish

#### EXTRUDES / COMPRESSES UNDER LOAD

No

#### PACK SIZE

Available individually

#### CFC

CFC Free

#### ODP

Zero

#### REGULATION COMPLIANCE

Can be used to provide weathering provision

#### MAY BE USED IF CAVITY INSULATION PRESENT?

Yes – presence does not affect

#### CAD DOWNLOADS

Yes

#### DESIGN CONSIDERATIONS

Upstand must finish against wall surface to permit flashings to be dressed appropriately.

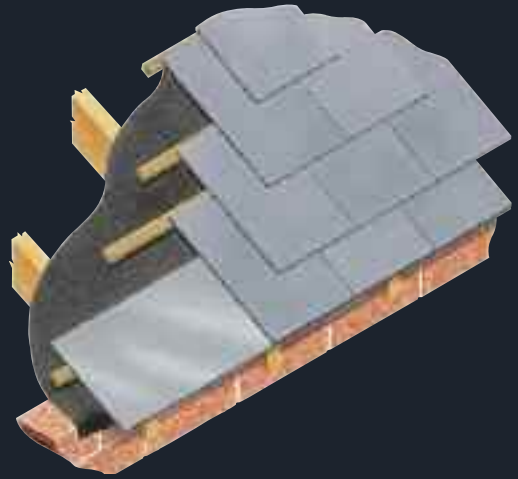
### DESIGNERS' COMMENTS

Secure CRSS by nailing to the continuous batten below it that should run parallel with and approximately 100mm from the abutment wall. Allow end laps of 225mm minimum. At gutter extend 150mm and cut back vertical surface at the overhang.

# Type ECSC

## Eaves Continuous Slate Course

- Reduces costs and site work
- Provides rigidity and continuity along bottom edge
- Not visible once installed
- Lightweight and easy to handle



### USE

A substitute for the first course (bottom layer) of slate. Reduces slate cutting and minimises joints along weathering edge.

### SOLUTION

The Eaves Continuous Slate Course is used in place of slates to form the first course along the bottom of the roof.

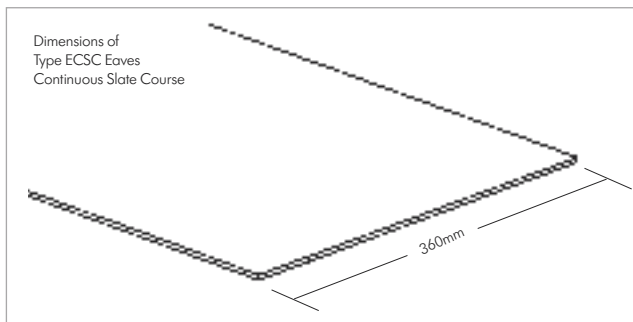
This reduces the number of slates and the accompanying slate cutting normally required. Supplied in 3 metre lengths, installation is speedy,

easy to align and continuous runs are formed with the minimum of joints along the weathering edge. Subsequently the laying of whole slates may commence immediately.

### SPECIFICATION WORDING

Type ECSC Eaves Continuous Slate Course by Cavity Trays of Yeovil Somerset BA22 8HU (01935 474769).

Use as substitute on slate roofs for first (bottom layer) of slate prior to commencing slate fixing. Metres run .....



#### PRODUCT NAME - GROUP

Type Eaves Continuous Slate Course

#### ROOF PITCH SUITABILITY

All pitches

#### DIMENSIONS

3000mm x 360mm wide

#### BESPOKE OPTIONS

No

#### TRADITIONAL CONSTRUCTION COMPATIBLE

Yes

#### TIMBER FRAME CONSTRUCTION COMPATIBLE

Yes

#### NEW WORK APPLICATIONS

Yes

#### RETROFIT APPLICATIONS

Yes

#### CONGRUENT WITH OTHER ROOF ELEMENTS

No identified incompatibility

#### ARRESTED WATER EVACUATION

N/A acts as under layer first course

#### THERMAL TRANSMISSION OF MATERIAL

N/A external of masonry face

#### MATERIAL

Glass reinforced polyester

#### COLOUR

Grey finish

#### EXTRUDES / COMPRESSES UNDER LOAD

No

#### PACK SIZE

Packs containing 10 x 3000mm lengths

#### CFC

CFC Free

#### ODP

Zero

#### REGULATION COMPLIANCE

Can be used to provide weathering provision

#### CAD DOWNLOADS

Yes

#### DESIGN CONSIDERATIONS

Normal dissipation of roof space moisture via breathable under felt is hindered when slate, imitation slate or other close-fitting finishes are used. Always consider ventilation provision.

### DESIGNERS' COMMENTS

NHBC 7.2 – S11 (d) states bottom edges of slate roofs should be finished with an under-eaves course.

# Type RBS

## Roof Bonding Strip

- Accommodates merging of roof finishes
- Suitable for roof pitches from 15° to 60°
- Integral keying
- Preformed in long lengths



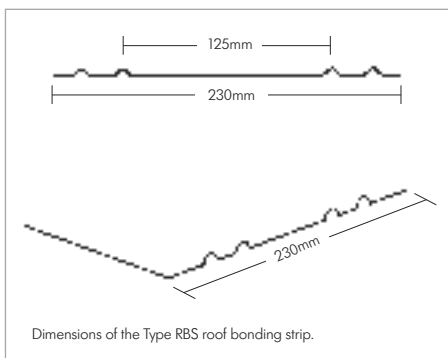
### USE

To link and permit bonding of two dissimilar roof finishes. For use where a differently dimensioned roof tile/slate finish is being introduced alongside a different finish on the same slope.

### SOLUTION

The Roof Bonding Strip is moulded from glass reinforced polyester and has water-check ribs either side of a central mortar adhesion area.

When located under the point where two dissimilar roofing finishes meet, the strip permits both to be bonded together.



Produced to an overall width of 230mm, the Type RBS is fire resistant in accordance with BS 476, the classification being to P60 (SAB) class three.

The strip acts as an underlying bridge between abutting surfaces and may be used as part of a fire-break detail as defined within the Building Regulations.

### SPECIFICATION WORDING

Type RBS Roof Bonding Strip by Cavity Trays of Yeovil Somerset BA22 8HU (01935 474769).

Incorporate where different roof finishes abut within common slope when reproofing.

Metres run .....

#### PRODUCT NAME - GROUP

Type RBS Roof Bonding Strip

#### DIMENSIONS - EXTERNAL 3000M X 230MM

Roof pitch suitability Normally pitches from 10° to 60°

#### NEW WORK APPLICATIONS

N/A

#### RETROFIT APPLICATIONS

Yes

#### MATERIAL

Glass reinforced polyester

#### COLOUR

Grey

#### EXTRUDES / COMPRESSES UNDER LOAD

No

#### PACK SIZE

Available individually

#### CFC

CFC Free

#### ODP

Zero

#### REGULATION COMPLIANCE

As part of compliant roofing installation

#### CAD DOWNLOADS

Yes

#### DESIGN CONSIDERATIONS

Where a separating or fire break wall rises under ensure continuity by incorporating appropriate infill between wall top and roof.

See Type CFIS and similar compressive stops.

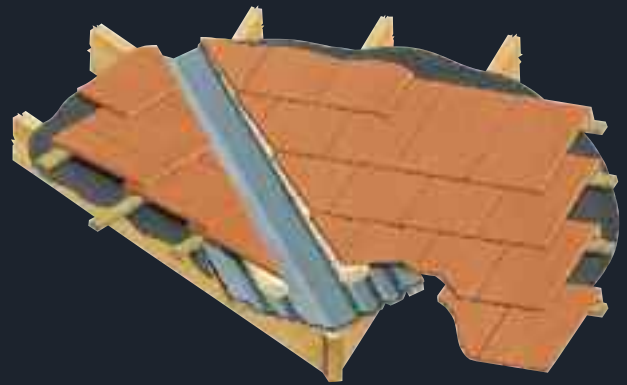
### DESIGNERS' COMMENTS

When executing re-roofing the Roof Bonding Strip should extend 150mm over gutter and be cut back as required after completion. Allow 150mm minimum overlap between lengths. Always ensure RBS is central of the separating wall. See NHBC 7.2 – S13 for fire-stopping above separating walls and at junctions. When fire-stopping measures are incorporated, presence must be continuous including within any boxed eaves.

# Type VG

## Valley Gutter

- Suitable for roof pitches from 15° to 70°
- Integral keying
- Conventional appearance when built in
- Preformed in long lengths



### USE

To act as water and weatherproof channel within valley between converging roof slopes.

### SOLUTION

Preformed Valley Gutters are manufactured from glass reinforced polyester and provide an alternative to the site fabricated lead valley. Two styles are available for use with slate or tiled roofs.

Both are finished with a tough film coat that is coloured to resemble the appearance of lead and offers excellent weathering qualities.

The Valley Gutter for tiles (VG-T) has integral water-check ribs to its sides and two sanded mortar adhesion strips.

The Valley Gutter for slates (VG-S) is manufactured with a deeper profile. Both may be used to satisfy the requirements of roofs constructed to BS 5534: Part 1 -1990 (Slating and Tiling) and Part 6 of BS 8000.

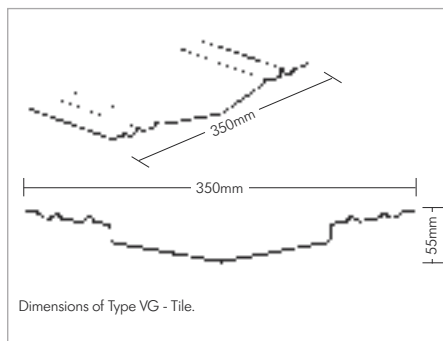
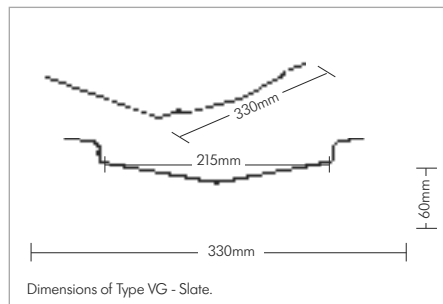
Type VG Valley Gutters are fire resistant in accordance with Bs 476, classification P60 (SAB) class three.

### SPECIFICATION WORDING

Type VG Valley Gutter by Cavity Trays of Yeovil Somerset BA22 8HU (01935 474769).

Incorporate at all valleys, supported as required and under-cloaked with roofing felt.

Metres run .....



#### PRODUCT NAME - GROUP

Type VG Valley Gutter

#### DIMENSIONS

VG-T 3000m x 350mm

VG-S 3000m x 330mm

#### ROOF PITCH SUITABILITY

Normally pitches from 15° to 70°

#### NEW WORK APPLICATIONS

Yes

#### RETROFIT APPLICATIONS

Yes

#### MATERIAL

Glass reinforced polyester

#### COLOUR

Grey

#### EXTRUDES / COMPRESSES UNDER LOAD

No

#### PACK SIZE

Available individually

#### CFC

CFC Free

#### ODP

Zero

#### REGULATION COMPLIANCE

As part of compliant roofing installation

#### CAD DOWNLOADS

Yes

#### DESIGN CONSIDERATIONS

Ensure installation follows NHBC guidelines regarding support and undercloak strip of roofing felt 72.

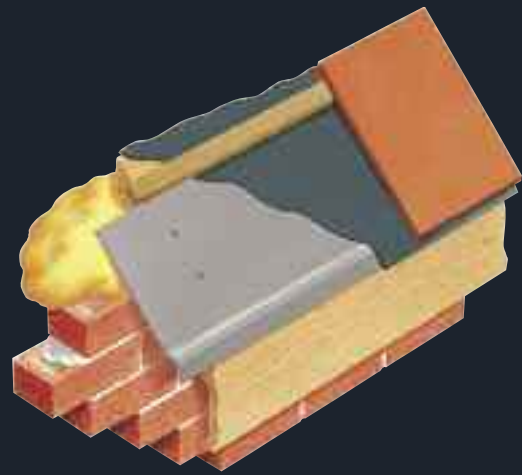
### DESIGNERS' COMMENTS

NHBC 72 – S11 stipulates a strip of roofing felt a width of 600mm minimum be provided under all valleys and the main roof underlay should be dressed over the valley battens. Type VG Valley Gutters meet the requirements for standard double lap valley troughs in NFRC Technical Bulletin 28. Always ensure the open width of the valley in any slate or tile roof complies with BS 5534: part 1 :1997.

# Hardedge Eaves Protector 1500

## Eaves Felt Support and Protector

- Suitable for all roof pitches
- Provides consistent felt support
- Prevents water pooling
- Promotes correct discharge into gutter.



### USE

Provides robust support of roofing felt at eaves so felt sag between timbers is eliminated and water cannot pool.

### SOLUTION

Hardedge Eaves Protector 1500 is an anti-pooling strip manufactured from rigid PVC.

It is positioned at eaves level prior to the laying of the roofing felt and secured by nailing to the roof timbers. Hardedge provides support of the underlay felt that is positioned and laid in the conventional manner.

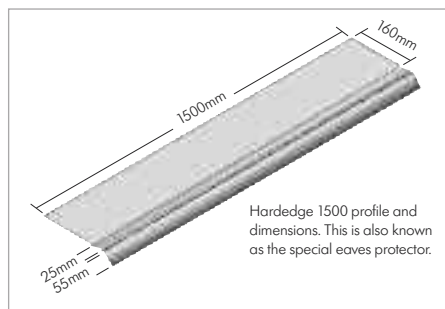
The underlay felt is thus prevented from sagging between rafters/ tilting fillets, and the problem of water pooling between rafters is addressed.

The front projecting edge of Hardedge Eaves Protector steers the felt forward of the roof edge so it may terminate into the adjacent guttering.

### SPECIFICATION WORDING

Type Hardedge Eaves Protector 1500 by Cavity Trays of Yeovil Somerset BA22 8HU (01935 474769).

Secure continuously at eaves level prior to laying of roofing felt Metres run .....



#### PRODUCT NAME - GROUP

Hardedge Eaves Protector 1500

#### DIMENSIONS

1500mm x 240mm wide approx.

#### ROOF PITCH SUITABILITY

All pitches

#### TRADITIONAL CONSTRUCTION COMPATIBLE

Yes

#### TIMBER FRAME CONSTRUCTION COMPATIBLE

Yes

#### NEW WORK APPLICATIONS

Yes

#### RETROFIT APPLICATIONS

Yes

#### CONGRUENT WITH OTHER ROOF ELEMENTS

No identified incompatibility

#### ARRESTED WATER EVACUATION

N/A acts as support of felt

#### THERMAL TRANSMISSION OF MATERIAL

N/A remote from thermal envelope

#### MATERIAL

Polypropylene

#### COLOUR

Grey-Black

#### EXTRUDES / COMPRESSES UNDER LOAD

No

#### PACK SIZE

Packs containing 10 x 1500mm lengths

#### CFC

CFC Free

#### ODP

Zero

#### REGULATION COMPLIANCE

As part of compliant roof arrangement

#### CAD DOWNLOADS

Yes

#### DESIGN CONSIDERATIONS

Wider than many alternatives, the projecting edge continues to support the felt at the most vulnerable / exposed point.

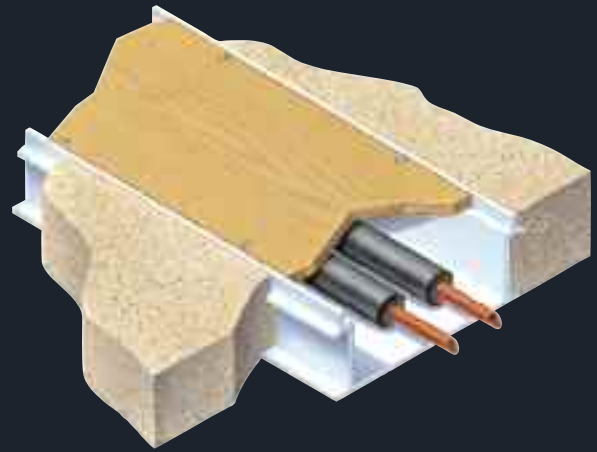
### DESIGNERS' COMMENTS

NHBC 7.2 S11 (b) stipulates underlay felt should be dressed into the gutter and pulled tight to ensure there are no troughs to retain water. The presence of Hardedge Eaves Protector makes this requirement easy to achieve.

# Type I

## In-screed Services Duct

- Preformed ready to use duct
- Easy access for future maintenance
- Integral keying and stability flanges
- Maximum clear duct area



### USE

Preformed services duct for incorporation within floor screeds. Provides serviceable conduit for pipes or wiring.

### SOLUTION

The Type I in-screed services duct is designed to accommodate pipes or electrical wiring required to pass through a screeded floor. The duct is bedded on a level oversite or sub floor and the final screed is finished flush with the duct top edges.

Integral flanges to each side stabilise the duct and promote a firm hold by keying into the screed. Surface covers to accompany the duct are offered in 12mm plywood.

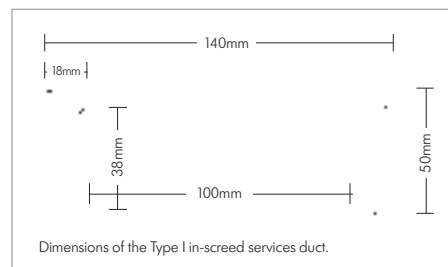
### SPECIFICATION WORDING

Type I in-screed services duct by Cavity Trays of Yeovil Somerset BA22 8HU (01935 474769).

Bed in position prior to laying of screed.

Incorporate within screed to provide serviceable conduit route for (water) pipe(s).

Metres run .....



#### PRODUCT NAME - GROUP

Type I in-screed services duct

#### DIMENSIONS

External 2400mm x 140mm x 50mm

Internal 104mm x 38mm compartment area

#### SCREED REQUIREMENT

Must be in excess of duct height of 50mm

#### NEW WORK APPLICATIONS

Yes

#### RETROFIT APPLICATIONS

Yes

#### MATERIAL

Duct Plywood

Cover PVCU

#### COLOUR

White

#### EXTRUDES / COMPRESSES UNDER LOAD

No

#### PACK SIZE

Available individually

#### CFC

CFC Free

#### ODP

Zero

#### REGULATION COMPLIANCE

To provide compliant route eg. water legislation

#### CAD DOWNLOADS

Yes

#### DESIGN CONSIDERATIONS

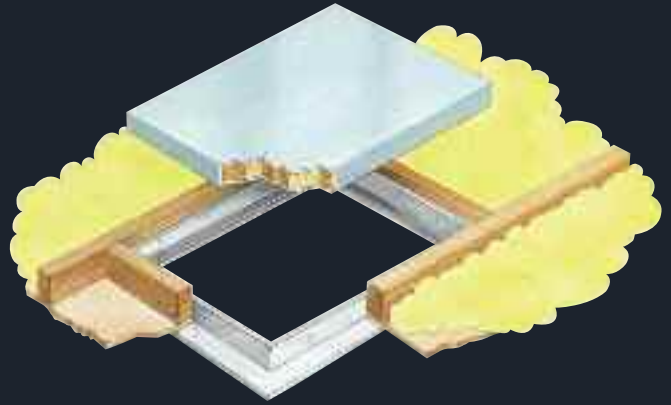
### DESIGNERS' COMMENTS

The BRE DFA sheet 120 highlights the benefits of laying services in accessible ducts recognising Regulation/Byelaw Clause reference G7.1 & G10.2. Do not embed a service pipe within solid flooring – make provision for access / maintenance. Observe recommendations where a supply pipe passes through one occupancy to another.

# Type LAD

## Loft Access Door

- Lightweight door and frame
- No painting or finishing required
- Insulated core within door
- Fully removable door



### USE

To gain access into a roof void.

### SOLUTION

The Type LAD Loft Access Door and Frame is supplied ready-fabricated and finished for immediate installation. Two sizes are available.

The access frame is secured in place by screw-fixing through pre-drilled holes into trimmed timber joists. Resi-seals within the frame surround receive the fully-removable access door.

The frame is manufactured of white PVCU and the door consists of a solid insulating core bonded both sides with white laminate.

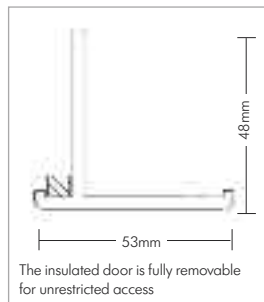
The access door is fully removable by lifting upwards.

### SPECIFICATION WORDING

Type LAD Loft Access Door and frame by Cavity Trays of Yeovil Somerset BA22 8HU (01935 474769).

Incorporate within trimmed ceiling joists following installation of ceiling board and plaster finish.

Size 550mm x 550mm or 550mm x 750mm.  
Number.....



#### PRODUCT NAME - GROUP

Type Lad Loft Access Door

#### DIMENSIONS

Small 550mm x 550mm - trim 555mm x 555mm  
Large 550mm x 750mm - trim 555mm x 755mm

#### NEW WORK APPLICATIONS

Yes

#### RETROFIT APPLICATIONS

Yes

#### MATERIAL

Surround Extruded PVCU  
Access door Polystyrene + white laminated board

#### COLOUR

White

#### EXTRUDES / COMPRESSES UNDER LOAD

N/A

#### PACK SIZE

Available individually

#### CFC

CFC Free

#### ODP

Zero

#### REGULATION COMPLIANCE

Both sizes exceed minimum access dimensions

#### CAD DOWNLOADS

Yes

#### DESIGN CONSIDERATIONS

Where a fire rated continuance of the ceiling is required, use a fire integrity rated loft access door and frame. See Cavi 120 Loft Access Door.

### DESIGNERS' COMMENTS

Consider use of this lightweight insulated model where specification calls for unhindered access with unsecured fully removable door.



# Downward Hinging Loft Access Door & Frame

- Door opens downwards into room
- Integral latch
- No painting or finishing required
- Insulated door



## USE

To gain access into a roof void.

## SOLUTION

Downward hinging loft access door within a ready-finished frame. Manufactured in lightweight high impact polystyrene coloured white and requiring no finishing or painting.

Available in one size only, this downward opening model requires a trimmed opening of approximately 560mm x 760mm.

The hinged door has a layer of polystyrene insulation bonded to its upper surface and an integral securing latch.

## SPECIFICATION WORDING

Downward opening loft access door and frame by Cavity Trays of Yeovil Somerset BA22 8HU (01935 474769).

Incorporate within trimmed ceiling joists following installation of ceiling board and plaster finish.

Number.....

### PRODUCT NAME - GROUP

Downward opening Loft Access Door & Frame

### DIMENSIONS

trimmed joists Trim to 560mm x 760mm

### CLEAR OPENING SIZE

630mm x 535mm

### NEW WORK APPLICATIONS

Yes

### RETROFIT APPLICATIONS

Yes

### MATERIAL

Injection moulded high impact polystyrene

### COLOUR

White

### EXTRUDES / COMPRESSES UNDER LOAD

N/A

### PACK SIZE

Available individually

### CFC

CFC Free

### ODP

Zero

### REGULATION COMPLIANCE

Exceeds minimum NHBC access dimensions

### CAD DOWNLOADS

Yes

### DESIGN CONSIDERATIONS

Where a fire rated continuance of the ceiling is required, use a fire integrity rated loft access door and frame.

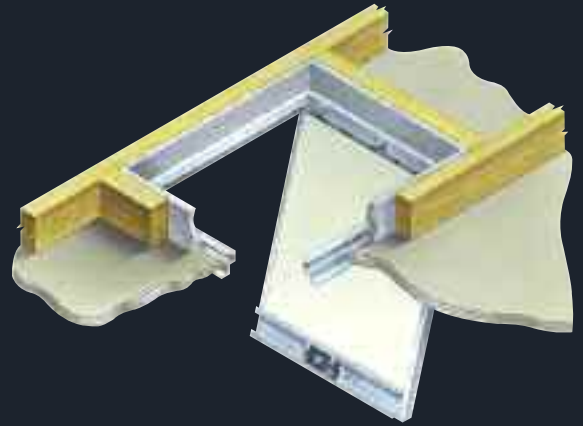
See Cavi 120 Type PC Lofthatch.

## DESIGNERS' COMMENTS

Flexible fixing tabs aid installation as minor irregularities within trimmed opening need not cause distortion. With 0.35 U value the insulation has a GWP rating of less than 5. General purpose, lightweight and with an integral latch, this model has a total weight of just 2.8kg and can be used to provide standardised access in accordance with NHBC Standards / Robust Details.

# Cavi 120

## Type PC Lofthatch



- Two hour fire integrity rating
- Integral latch
- White stove finish
- Insulated door

### USE

To provide access with a fire integrity rating of two hours into a roof space.

### SOLUTION

The prefix of Cavi 120 denotes this Lofthatch has a fire integrity rating of 120minutes. The downward opening door is supported on a full width zinc coated hinge that provides retention across the entire width of the frame.

The door is secured in the closed position by turning an integral locking bolt accessed via a recessed locking point. Draught strips within the frame compress against the door when locked. The dished steel constructed door retains a fire barrier layer.

When installed the 1.5mm thick frame surround appears almost flush with the ceiling plaster so visual presence is minimised.

### SPECIFICATION WORDING

Cavi 120 Type PC Lofthatch with two hour fire integrity rating by Cavity Trays of Yeovil Somerset BA22 8HU (01935 474769).

Incorporate within trimmed ceiling joists following lining of trimmed surround and fixing in accordance with manufacturers instructions.

Number.....

#### PRODUCT NAME - GROUP

Cavi 120 Type PC Lofthatch

#### DIMENSIONS

Trimmed joists + prep Trim to 775mm x 560mm  
then line with p/b or fire board to 755m x 540mm

#### CLEAR OPENING SIZE

745mm x 530mm

#### NEW WORK APPLICATIONS

Yes

#### RETROFIT APPLICATIONS

Yes

#### MATERIAL

Frame and door Polyurethane fr  
Seals Electro galvanized steel

#### COLOUR

White RAL 9010

#### EXTRUDES / COMPRESSES UNDER LOAD

N/A

#### PACK SIZE

Available individually

#### CFC

CFC Free

#### ODP

Zero

#### REGULATION COMPLIANCE

Yes BS 476 Pt 22 - 1987

#### CAD DOWNLOADS

Yes

#### DESIGN CONSIDERATIONS

Downward opening door is detachable should its removal be required to aid entry of apparatus into or out of the roof space.

### DESIGNERS' COMMENTS

Design of this product formalized following reference to BRE Digest 262/270. NHBC 7.7. Guide to Good Practice. BS476.