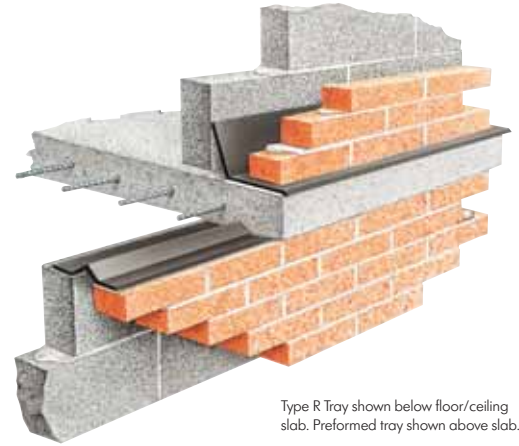


Type R

Horizontal Cavity Closing and Water-check Tray

- Integral shuttering formwork and closer
- Introduces water-check
- Lengths and angles for immediate installation
- Promotes consistent build detail



Type R Tray shown below floor/ceiling slab. Preformed tray shown above slab.

USE

To horizontally close open cavity to permit insitu concrete pouring.

To apprehend water ingress.

SOLUTION

The Type R Cavitrays are a robust moulded profile manufactured from solid DPC designed to be spot bedded horizontally along an open cavity prior to insitu concrete floor pouring. The Type R closes the cavity top and prevents the concrete from entering the cavity. It remains enveloped within the construction.

The shape of the Type R Cavitrays introduces a water-check throat. This is established to the underside of the floor where it spans the cavity. It prevents rain tracking on the underside – a condition that can occur if expansion and contraction cracks eventually manifest externally where exterior concrete and masonry meet. The

throat side similarly acts as an upstand. The dimensions of the Type R Cavitrays do not extend it through the entire wall thickness but stop a distance from the finished face, permitting soft jointing to the structural arrangement in accordance with best practice. Bespoke sizes manufactured.

HOW TO ORDER

Standard – state R1 or R2 size and number of lengths.

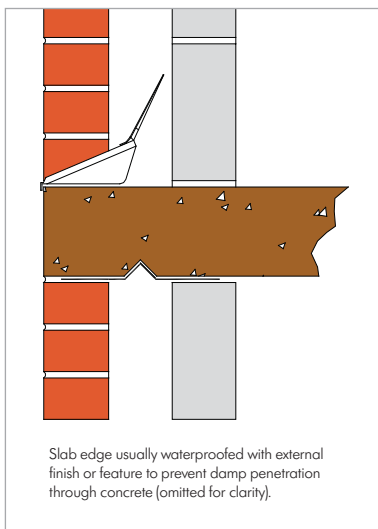
Bespoke – advise dimensions of construction.

SPECIFICATION WORDING

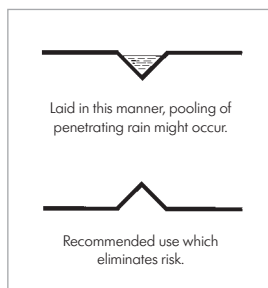
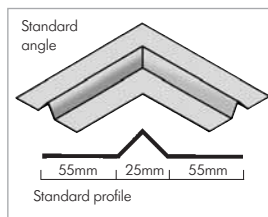
Type R Horizontal Closing and Water-Check Cavitrays by Cavity Trays of Yeovil Somerset BA22 8HU (01935 474769).

Bed to horizontally close open cavities prior to insitu concrete pour.

Request liability/conformity document upon completion.



Slab edge usually waterproofed with external finish or feature to prevent damp penetration through concrete (omitted for clarity).



PRODUCT NAME - GROUP

Type R Horizontal Closing Tray

CAVITY WIDTHS

R1 up to 75mm

R2 up to 100mm

DIMENSIONS

R1 2440mm x 135mm

R2 2440mm x 165mm

BESPOKE OPTIONS

Yes

TRADITIONAL CONSTRUCTION COMPATIBLE

Yes

TIMBER FRAME CONSTRUCTION COMPATIBLE

N/A

NEW WORK APPLICATIONS

Yes

RETROFIT APPLICATIONS

No

MASONRY SKIN STYLES

Type R requires level bedding

UNDULATING MASONRY FACE

Compatible

CURVED WALL ON PLAN APPLICATIONS

No

JOINTING METHOD

200mm glove lap

CONGRUENT WITH OTHER WALL ELEMENTS

No known reactions

ARRESTED WATER EVACUATION

N/A no downward arrestment

THERMAL TRANSMISSION OF MATERIAL

N/A

MATERIAL

Polypropylene DPC

COLOUR

Black

EXTRUDES / COMPRESSES UNDER LOAD

No

PACK SIZE / WEIGHT

Available individually

CFC

CFC Free

ODP

Zero

REGULATION COMPLIANCE

To maintain dry inner skin status

MAY BE USED IF CAVITY INSULATION PRESENT?

Insulation should not affect functionality

CAD DOWNLOADS

Yes

DESIGN CONSIDERATIONS

Always consider water arrestment and evacuation provision to slab top – see Cavitrays Type G.



DESIGNERS' COMMENTS

If slab is set back from finished face to receive slips or a decorative medium, determine whether the Type R Cavitrays are required to service under the selected facing (dependent on material). A wider version can be supplied where it suits to have the DPC presence terminating on the face in conjunction with soft joint/expansion provision.