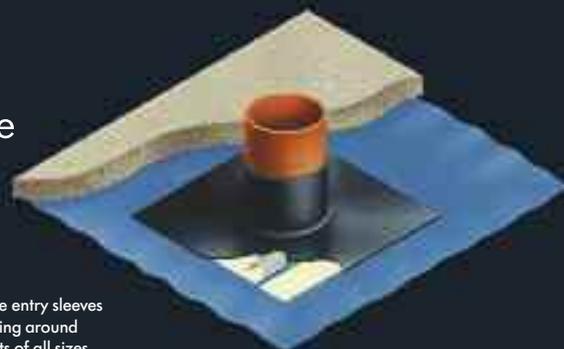


Barrier & Membrane Interruptions

Service entry pipes through the oversite membrane
Sleeves and ducts through the cavity barrier

- Seal around pipe, sleeve and duct penetrations
- Numerous circular and rectangular sizes
- Gas and water resistant moulding
- Available with Integral bonding strip



Service Pipe entry sleeves permit sealing around service inlets of all sizes

USE

To maintain gas tight integrity where a service pipe passes through the oversite membrane.
To maintain gas tight integrity where a sleeve or duct passes through a gas arrestment barrier that is closing the cavity.

SOLUTION

Preformed service pipe entry sleeves (often termed 'top hats') are available in a range of sizes. They provide effective protection against damp and gas ingress around the service pipe penetration. Manufactured from black gas grade rigid polypropylene, the base of each entry point is secured to the dry membrane penetration area utilising bonding strip on and around the underside of the base. The rising sleeve snugly fits the pipe dimension and is secured utilising bonding strip and a tightening clamp.

Where ducts, ventilators or structural elements within the cavity are required to pass through a cavity barrier, water and gas protection integrity is maintained by incorporating Cavity Barrier Obstruction Sleeves. These match the barrier profile and are supplied with an integral vertical sleeve profiled to match the outside dimensions of the duct or structural element. When fitted, the lapping arrangement positions the bonding strip sealing away from the



The base of the Cavity Barrier Obstruction Sleeve matches the barrier profile. The one-piece sleeve eliminates joining around the intersection and positions bonding where there are no restricting converging elements. The example shows a Type TAV passing through a barrier

penetration area. The usual problems encountered of establishing a watertight/airtight intersection with the obstruction thus need not arise with this one-piece solution.

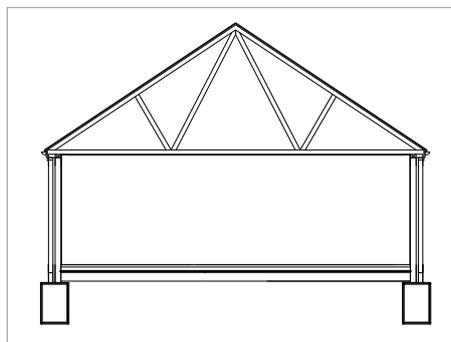
DETERMINING YOUR REQUIREMENTS

We recommend advantage is taken of our take-off service. We will be pleased to calculate your requirements and submit a proposal and scheduled for your consideration.

SPECIFICATION WORDING

Service Pipe Entry Points (top hats) by Cavity Trays of Yeovil Somerset BA22 8HU (01935 474769). Incorporate where service pipes penetrate oversite membrane. Ensure accompanying instructions and best practice are observed to provide gas tight compatible seal.

Cavity Barrier Obstruction Sleeve by Cavity Trays of Yeovil Somerset BA22 8HU (01935 474769) Incorporate appropriately dimensioned Obstruction Sleeve where duct or structural element passes through cavity barrier. Ensure accompanying instructions and best practice are observed to provide water and gas resistant compatible seal.



PRODUCT NAME

Service pipe entry sleeves (Top Hats)
Cavity Barrier Obstruction Sleeves

DIMENSIONS

Service Pipe Entry Sleeves:
25mm pipe x 150mm height x 350 x 350mm base
55mm pipe x 150mm height x 350 x 350mm base
70mm pipe x 150mm height x 350 x 350mm base
85-110mm pipe x 150mm height x 350 x 350mm base
135mm pipe x 150mm height x 450 x 450mm base
150mm pipe x 150mm height x 450 x 450mm base

CAVITY BARRIER OBSTRUCTION SLEEVES:

Matched barrier profile x 600mm length x matched obstruction profile.

BESPOKE OPTIONS

Yes

MATERIAL

Polypropylene

COLOUR

Black

JOINTING METHOD

Base lap + bonding strip.
Products can be supplied with bonding strip already applied to base if specifically requested when ordering. Otherwise always supplied without any bonding strip.

RADON PERMEABILITY

Less than 1.6 10⁻¹²m²s⁻¹ spot test.