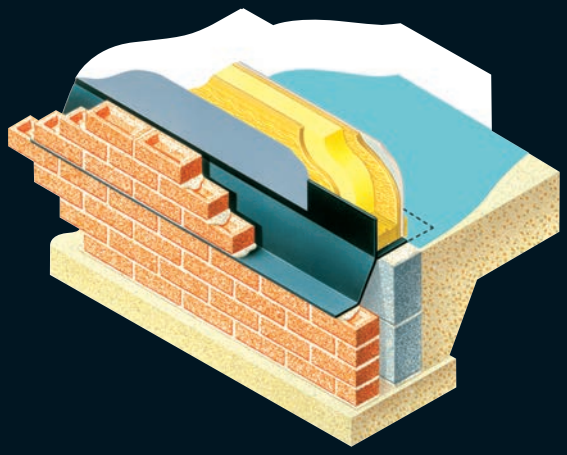
Type TFC

Timber Frame Cavitray

- Acts as dpc, gas and cavitray barrier
- Interfaces with oversite membrane
- Compatible with Cavibricks and Caviweeps



USE

Provides DPC in both skins. Functions as a methane and radon (contaminated land) cavity barrier. Functions as arrestment cavitray. Interfaces with oversite membrane. Vertically laps with timber frame membrane.

SOLUTION

Preformed Type TFC provides the essential and additional damp protection elements in this one-placement approach that also guards against contaminated land gases.
Promotes continuity of protection (not possible using individual elements) from oversite membrane to face of exterior skin.

TYPE TFC TIMBER FRAME CAVITRAY

The Type TFC is manufactured in solid petheleyne DPC and shaped for immediate building in. The Type TFC is bedded on mortar and in one placement provides the DPC presence in both interior and exterior masonry skins. Adjacent sections are lapped and receive bonding strip. The body of the cavitray spans the cavity and guards against contaminated land gases such as radon or methane entering the building envelope. Rising and projecting inwardly, the Type TFC extended inboard profile interfaces with the oversite membrane to maintain gas and damp protection integrity. (section may be cranked to suit floor level detail) The upward rising portion of the Type TFC locates in front of the timber frame soleplate and under the vertical membrane, isolating against hygroscopic ingress. Under cavitray level incorporate cavibricks @ 900mm centres to exhaust gas. On cavitray incorporate caviweeps at 900mm centres to evacuate arrested water.

HOW TO ORDER

Provide wall section and plans so optimum profile can be determined and a schedule submitted prepared.

SPECIFICATION WORDING

Type TFC Timber Frame Cavitray by Cavity Trays of Yeovil Somerset BA22 8HU (01935 474769). Profile as agreed detail. Bed on mortar in at appropriate level in all exterior walls, observing installation instructions. Ensure inboard section unites and laps with oversite membrane. Incorporate accompanying cavibricks under and caviweeps as installation requirements.
Metres run..... Angles internal.....Angles external.....
Request liability/conformity document upon completion.

STANDARD DIMENSIONS	330 x 160 x 50mm base
PACK SIZE	Available individually
WEIGHT	0.5kg
BESPOKE OPTIONS	Yes
SEE OTHER ENTRIES	Sleeve & Duct Cavitrays

PRODUCT NAME - GROUP
Type TFC

CAVITY WIDTHS ACCOMMODATED
From 50mm up to 400mm

DIMENSIONS
Standard 2400mm lengths and preformed angles to suit most masonry dimensions and rises.

BESPOKE OPTIONS
Yes

TRADITIONAL CONSTRUCTION COMPATIBLE
Yes

TIMBER FRAME CONSTRUCTION COMPATIBLE
Yes

NEW WORK APPLICATIONS
Yes

RETROFIT APPLICATIONS
No

MASONRY SKIN STYLES
No known limitation

UNDULATING MASONRY FACES
Compatible

CURVED WALL ON PLAN APPLICATIONS
Yes – see Curved Wall entries

CONGRUENT WITH OTHER WALL ELEMENTS
No identified incompatibility

ARRESTED WATER EVACUATION
Via Caviweeps (selection) in perp joints

THERMAL TRANSMISSION OF MATERIAL
Negligible

MATERIAL
Petheleyne DPC

COLOUR
Black

EXTRUDES / COMPRESSES UNDER LOAD
No

PACK SIZE / WEIGHT
Varies pending design

CFC
CFC Free

ODP
Zero

REGULATION COMPLIANCE
Yes

MAY BE USED IF CAVITY INSULATION PRESENT?
Functionality not affected

CAD DOWNLOADS
Yes

PROFILE CONSIDERATIONS
Consider straight or cranked inboard section to link with o/s membrane to maintain gas protection measures.

DESIGNERS' COMMENTS

Where the Cavitray is required to arrest radon gas, special sill trays interface to maintain gas type integrity across the structural opening.