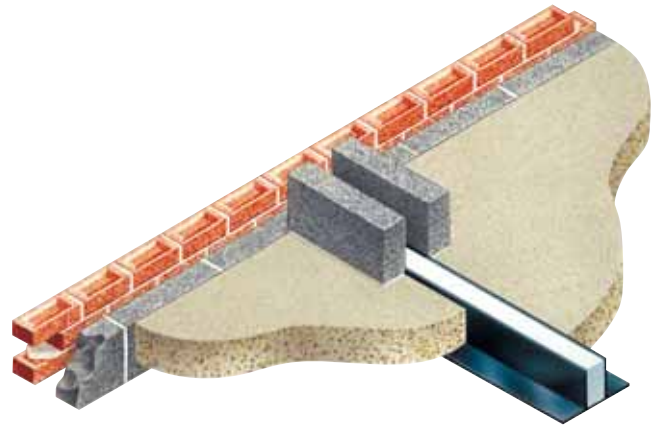


# Type GBPWIS

## Ground Bearing Party Wall Insulating Section

- Eliminates need for temporary formwork
- Creates and closes cavity arrangement
- Establishes party wall spillage channel
- Enhanced perimeter insulation
- Multi-functional one placement product



DAMP-PROOFING

### USE

Eliminates temporary formwork, creates cavity, provides party wall slab insulation with DPC corroboration.

### SOLUTION

The Ground Bearing Party Wall Insulating Section is located and bedded along the line of the party wall between attached properties.

The Type GBPWIS takes the place of formwork, the need for which is eliminated. The oversite concrete is laid abutting the Type GBPWIS, thus encapsulating it in position. This establishes slab edge DPC corroboration with cavity insulation infill between dwellings at the base of the cavity wall.

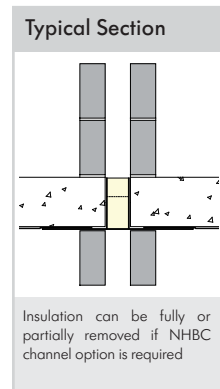
Once the concrete has cured, the upper layer of this insulation within the Type GBPWIS can be removed (or all insulation removed if desired) leaving a channel between dwelling slabs to provide the requisite check/escape route for water defined by Robust Details and NHBC Standards. The Type GBPWIS is available to suit all popular slab dimensions.

### HOW TO ORDER

State number of lengths required, cavity width and slab thickness.

### SPECIFICATION WORDING

Type GBPWIS by Cavity Trays of Yeovil Somerset BA22 8HU (01935 474769) to close base of external cavity wall.



Insulation can be fully or partially removed if NHBC channel option is required

COMPUTER REFERENCE CODES:  
CAVI FORMER (STATE DIMENSIONS)

#### PRODUCT NAME - GROUP

Type GBPWIS

#### CAVITY WIDTH CREATED

75mm 100mm 125mm 150mm

#### DIMENSIONS

All variable. 2400mm lengths

#### BESPOKE OPTIONS

Yes

#### TRADITIONAL CONSTRUCTION COMPATIBLE

Yes

#### TIMBER FRAME CONSTRUCTION COMPATIBLE

Yes – can interface

#### NEW WORK APPLICATIONS

Yes

#### RETROFIT / REMEDIAL APPLICATIONS

No

#### CURVED WALL ON PLAN APPLICATIONS

No

#### CONGRUENT WITH OTHER WALL ELEMENTS

No identified incompatibility

#### 'K' VALUE OF INSULATION USED

0.038W/mK

#### TYPICAL COMPOSITE THERMAL RESISTANCE

2.60 m<sup>2</sup>K/W / 100mm cavity

#### MATERIAL – TRAY

Petheleyne DPC

#### MATERIAL – INSULATOR

Polystyrene BS 3836-1986

#### COLOUR

Black

#### EXTRUDES / COMPRESSES UNDER LOAD

No

#### PACK SIZE

No minimum

#### CFC

CFC Free

#### ODP

Zero

#### REGULATION COMPLIANCE

Meets requirements

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

Does not affect functionality

#### CAD DOWNLOADS

Yes

### DESIGNERS' COMMENTS

By requesting the infill insulation to be in two layers, the top layer can be removed once the concrete has cured. This leaves an open channel with insulation at its base. The channel can be used to satisfy NHBC and Robust Details provision within a separating wall as depicted in E-WT-1 and E-WT-2.

