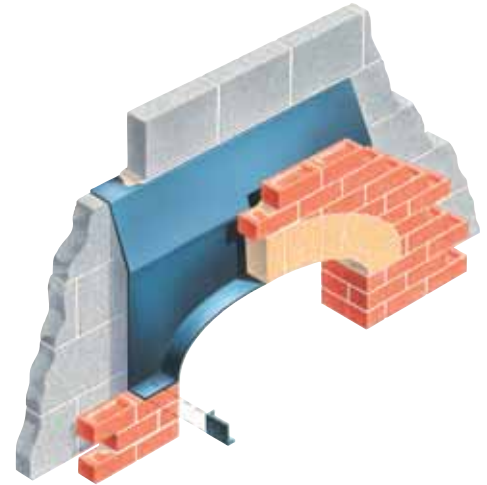


# Type BA

## Moulded DPC Cavity Tray Barrier Arch protection for shaped openings

- Available in different arch styles and design
- Provides matching DPC element to arch masonry
- Permits traditional centring use
- Traditional or timber frame construction
- Format can accommodate very wide openings



### USE

To protect arch openings of all styles and dimensions.

### SOLUTION

The Type BA Barrier Arch is a ready-moulded DPC shaped to harmonise with traditional arch construction and protect the opening against damp ingress. Offered on a swift bespoke manufacturing basis, arches are available in all styles and dimensions.



Incorrect construction using conventional DPC. Introduced in the first available horizontal run, this arrangement is suspect because it leaves a considerable amount of brickwork between window and DPC which is unprotected.

The Type BA barrier arch is incorporated within the cavity wall with its base section positioned on traditional centring or on the curved supporting lintel – whichever is applicable. The top of the Type BA is normally returned into the inner skin where traditional masonry is used, or with some styles a self-supporting option that does not build in is offered. In the case of timber frame construction the top is secured against the inner skin using compatible Cavistrap.

Openings with extensive width or rise requirements necessitate the Barrier Arch being supplied in sections to aid manufacture, transportation and placement.

### HOW TO ORDER

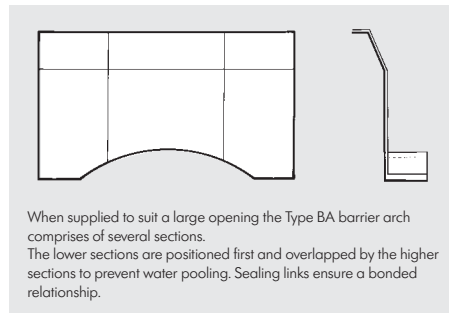
Supply opening details and ideally an accompanying elevation extract with dimensions for immediate attention.

### SPECIFICATION WORDING

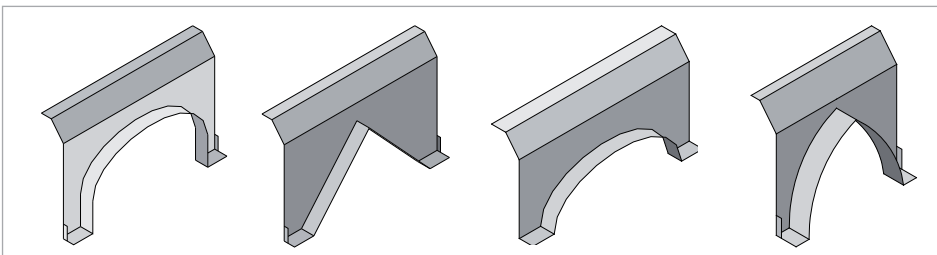
Type BA Barrier Arch by Cavity Trays of Yeovil Somerset BA22 8HU (01935 474769).

Bespoke as schedule or state size of each BA required.

Request liability/conformity document upon completion.



When supplied to suit a large opening the Type BA barrier arch comprises of several sections. The lower sections are positioned first and overlapped by the higher sections to prevent water pooling. Sealing links ensure a bonded relationship.



### DESIGNERS' COMMENTS

There are added complications of damp-proofing the arrangement between inner and outer skins when arch openings of any style are constructed - as originally identified within BS 5628. Conventional DPC cannot readily be sloped outwards and simultaneously curved to follow the radius. The ready-shaped Type BA barrier arch ensures compatibility and functionality.

#### PRODUCT NAME - GROUP

Type BA

#### CAVITY WIDTHS ACCOMMODATED

50mm – 300mm cavity

#### DIMENSIONS

Up to 2400mm o/a in one piece

#### SIZE LIMITATIONS

No limit in connecting sections

#### TRADITIONAL CONSTRUCTION COMPATIBLE

Yes

#### TIMBER FRAME CONSTRUCTION COMPATIBLE

Yes

#### NEW WORK APPLICATIONS

Yes

#### RETROFIT APPLICATIONS

Possible pending opening style/dimensions

#### MASONRY SKIN STYLES

No known limitation

#### CURVED WALL ON PLAN APPLICATIONS

Yes possible – see Curved Wall entries

#### UNDULATING MASONRY FACES

Compatible

#### CONGRUENT WITH OTHER WALL ELEMENTS

No identified incompatibility

#### ARRESTED WATER EVACUATION

Via Caviweep choice supplied

#### THERMAL TRANSMISSION

Negligible - calculated non-conductive

#### MATERIAL

Polypropylene DPC

#### COLOUR

Black

#### EXTRUDES / COMPRESSES UNDER LOAD

No

#### PACK SIZE

Available individually

#### CFC

CFC Free

#### ODP

Zero

#### REGULATION COMPLIANCE

Yes

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

Does not affect functionality

#### CAD DOWNLOADS

Yes

#### DESIGN CONSIDERATIONS

Advise adjacent elevation features to determine whether elevation will benefit arrestment provision

