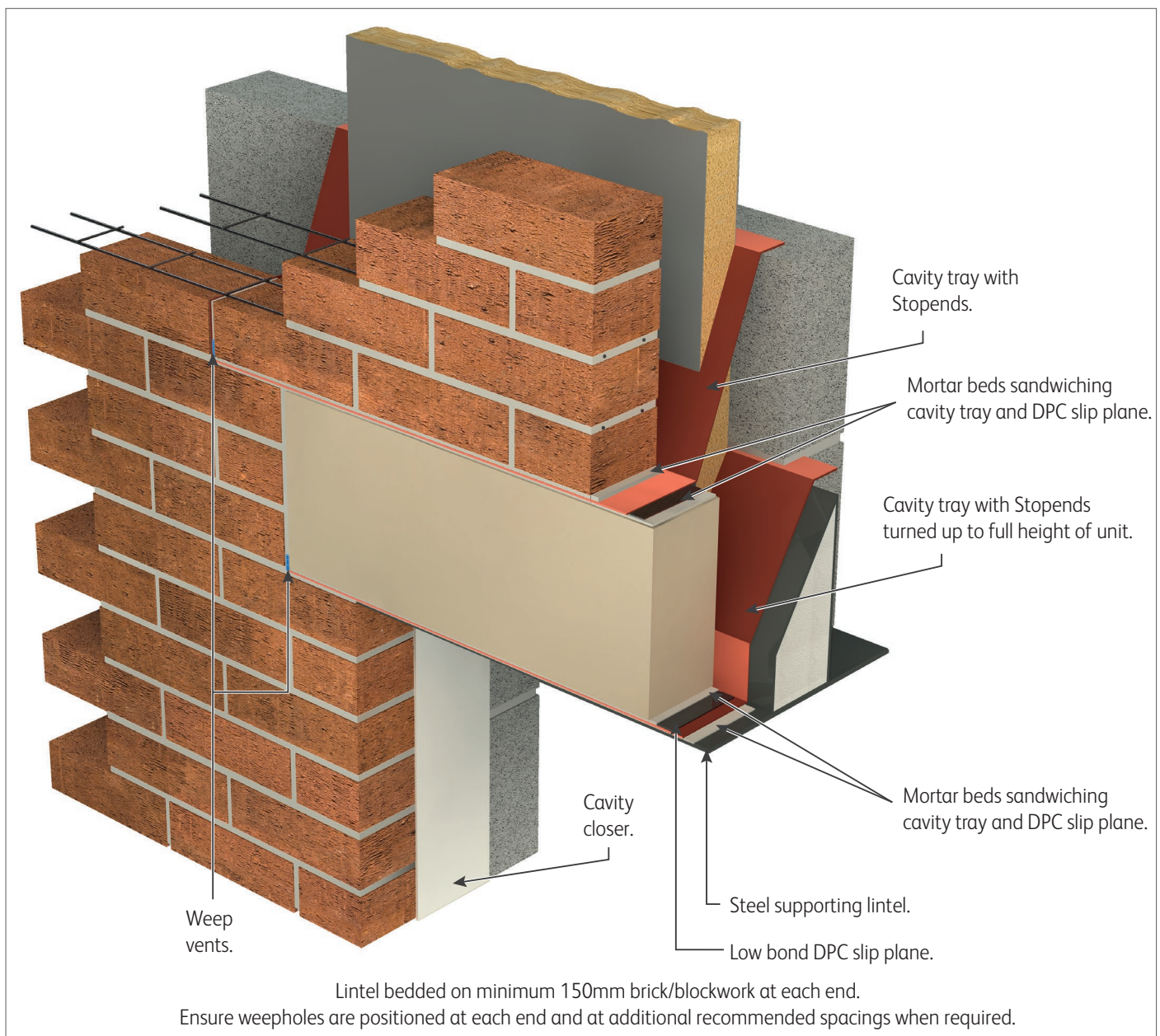




## CAST STONE DECORATIVE HEAD WITH STEEL SUPPORTING LINTEL

Decorative heads are not load bearing therefore suitable support will be required. The supporting lintel will be visible on the soffit. Consider the use of soffit cladding for all coastal sites.

It is important to maintain the free movement of the decorative head by separating it from the supporting steel and surrounding brickwork. Decorative heads over 1547mm will generally be supplied in pieces.





## CAST STONE **DECORATIVE HEAD WITH STEEL SUPPORTING LINTEL**

### Laying the lintel

Follow the lintel manufacturers installation advice.

1. Lintels should be installed with a minimum end bearing of 150mm, bedded on mortar and levelled along its length and across its width.
2. Raise the inner and outer leaves simultaneously to avoid excessive eccentricity of loading, with a maximum height difference of 225mm (masonry should be laid on a mortar bed and all perpendicular joints should be filled).
3. The external lintel flange must project beyond the window/door frame and it is recommended that a flexible sealing compound is used between the underside of the lintel flange and the frame.

### DPC's

4. In accordance with BS EN 1996-2 and NHBC requirements all external wall lintels MUST be installed with a flexible DPC (with the exception of those adequately protected by an eaves overhang or similar form of protection). Stop ends should be provided to avoid moisture entering the cavity near the reveals.
5. Either allow formation of an integral stop end at the end of the decorative head or incorporate proprietary stop ends. Provide weep holes at each end and at joints in the head if supplied in pieces. Place DPC slip plane along full length.

### Laying the decorative head and secondary DPC

1. Mortar the decorative head onto the slip plane on a full bed of mortar but leave the ends clear.
2. Lay DPC slip plane then the second cavity tray with stop ends extending to a suitable mortar perpendicular joint to suit the brickwork course above.
3. The DPC cavity tray should extend a minimum 150mm up toward the inner leaf.
4. Ensure weepholes are positioned at each end and at additional recommended spacings when required.
5. Lay surrounding brickwork on a full bed of mortar on top of the slip plane as normal ensuring it is in line and plumb.
6. To maintain free movement at the end of the head insert backing cord above weepvent and apply flexible sealant to match surrounding.

Refer to Technical Information Sheet 5 for recommended associated materials, Technical Information Sheet 3 for mortar specification, and the Forticrete Sitework Guide for further information.

**Note:** Whilst PD6697 does not include bed joint reinforcement above and below windows/doors in brickwork (but it does in blockwork), it is now considered good practice by the BDA (Brick Development Association) and brick manufacturers to include it in brickwork. It is for this reason that we include it in our Installation Guides'.

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