

# CILL INSTALLATION - TECHNICAL SHEET T01

for further information and other technical sheets please contact us on 01535 662 743

## Cills or thresholds that are stooled should be bedded, as follows:

Bed only the ends of one piece concrete cills or threshold in mortar, leave the joint below open and on completion of the brick work or block work point with mortar to match the adjoining work (**FIG02**)

If one piece cills are bedded solidly on mortar there is a risk of fracture in the event of thermal movement or differential settlement.

Cast stone cills should not be bonded, but should be effectively separated by either a vertical and/or horizontal movement joint or slip plane from the surrounding masonry, as their movements are different in magnitude and in direction (**FIG 01**). The risk of cracking is increased where stronger mortars other than those recommended are used. Bedding mortar for all components should be no stronger than designation(iii).

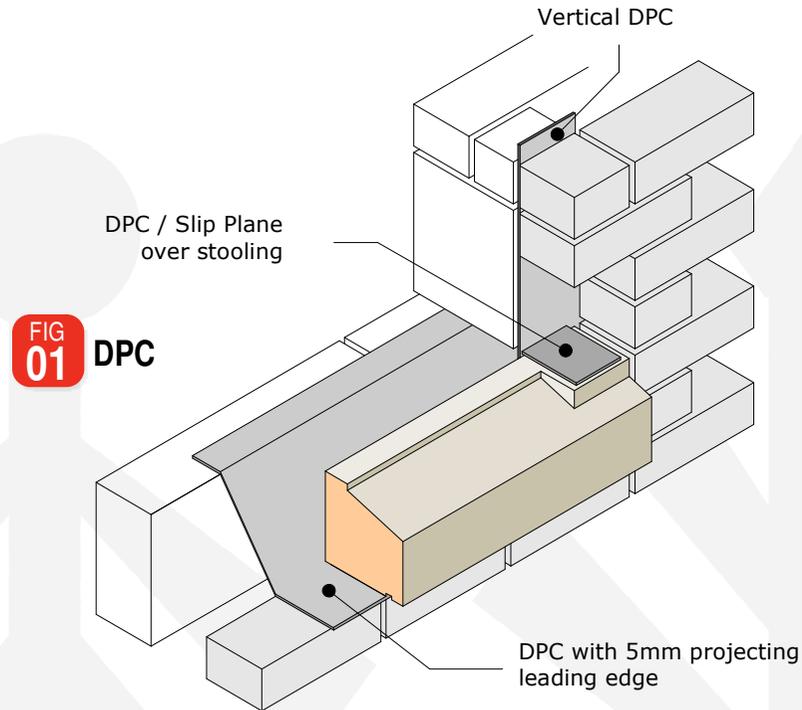
## General Notes

Keep courses level and in line, and accurately plumb all wall faces, angles and features. Set out carefully to ensure satisfactory junctions and joints with adjoining or built-in elements and components.

Keep cast stonework clean during construction and until practical completion. Ensure that no mortar encroaches on the faces of the units when installing. Turn back scaffolding boards at night and during heavy rain. Rubbing to remove marks or stains is not advisable. For further advice on cleaning please contact us.

Do not use frozen materials and do not lay on frozen surfaces.

Do not lay blocks/dressings when air temperature is at or below 3°C, unless mortar has a minimum temperature of 4°C when laid and walling is protected.



**FIG 02 Bedding**

