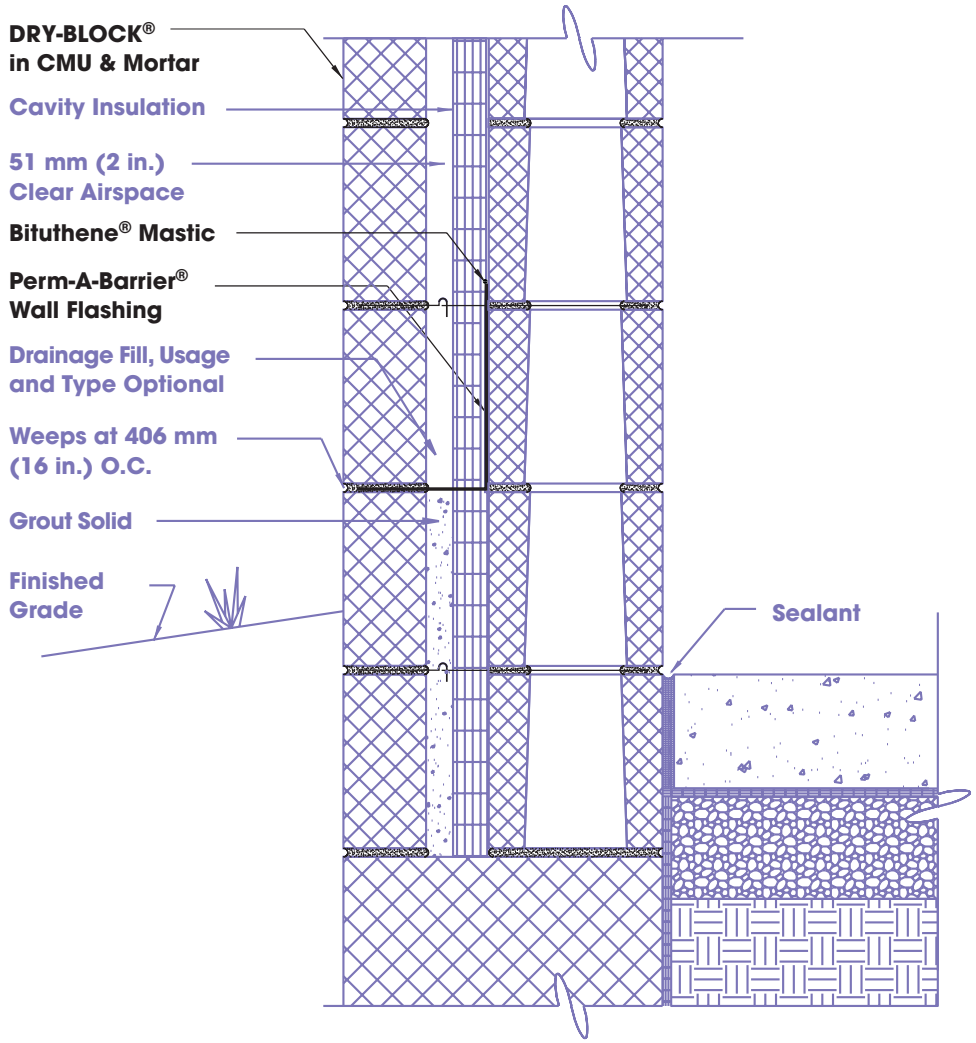
Base of Wall Detail

CW-2



Note: See Grace Drawing CW-8 for Alternate Flashing Options at the Face of the Wall

N.T.S.

GRACE
Construction Products

Installation Instructions

This detail has been created based on the use of DRY-BLOCK® Integral Water-repellent Admixture in all concrete masonry units, and DRY-BLOCK Integral Water-repellent Mortar Admixture in all mortar. The DRY-BLOCK admixtures work by "coating the internal pores" of the concrete and mortar so water cannot wick through them by capillary action. Since the DRY-BLOCK admixtures are not surface treatments, the cores and the interior face of the wall are just as water-repellent as the exterior face of the wall.

Increasingly, designers are choosing to dampproof the inner wythe in cavity wall construction by specifying backup concrete masonry units and mortar containing the DRY-BLOCK Integral Water-repellent System. Less expensive than the most-frequently-used methods of asphaltic dampproofing, the DRY-BLOCK System eliminates a field-labor step in the construction process. And since the DRY-BLOCK System is not a surface treatment like asphaltic dampproofing, the cores and the interior face of the backup are just as water-repellent as the exterior face.

A two inch clear airspace allows the mason to keep the back of mortar joints of the outer wythe free and clear of mortar fins and assures that any water which does get into the cavity will drain down to the flashing.

This detail has been created based on the use of Perm-A-Barrier® Wall Flashing. Perm-A-Barrier is a 40 mil thick flashing consisting of fully-adhered, rubberized asphalt with a strong 8 mil cross-laminated polyethylene top surface. Since the flashing is self-adhered to the substrate, water cannot migrate behind it.

Most frequently, in cavity wall construction the backup wythe goes up some time before the outer wythe. In that situation non-adhered flashing products, which must be secured in the mortar joint of the backup wythe, are installed when that wythe is laid up. Therefore, such products are subjected to damage by the elements and by the construction process until the outer wythe is erected. Since Perm-A-Barrier Wall Flashing is adhered to the face of the backup wythe, it is installed when the outer wythe is erected, eliminating the risk of damage. A bead of Bituthene® is run along the top edge of the flashing on the backup wythe to enable it to shed any water running down that wythe onto the polyethylene flashing surface and to the weeps. Perm-A-Barrier Wall Flashing works equally well with steel stud & sheathing backup – contact your Grace representative regarding sheathing types.

Perm-A-Barrier Wall Flashing should be trimmed 13 mm (½ in.) back from the face of the wall and the use of a stainless steel drip edge is recommended by most masonry experts.

Although the type of weep is optional, the placement of weeps immediately above the flashing is imperative.

Joint reinforcement must be selected and placed according to code requirements.