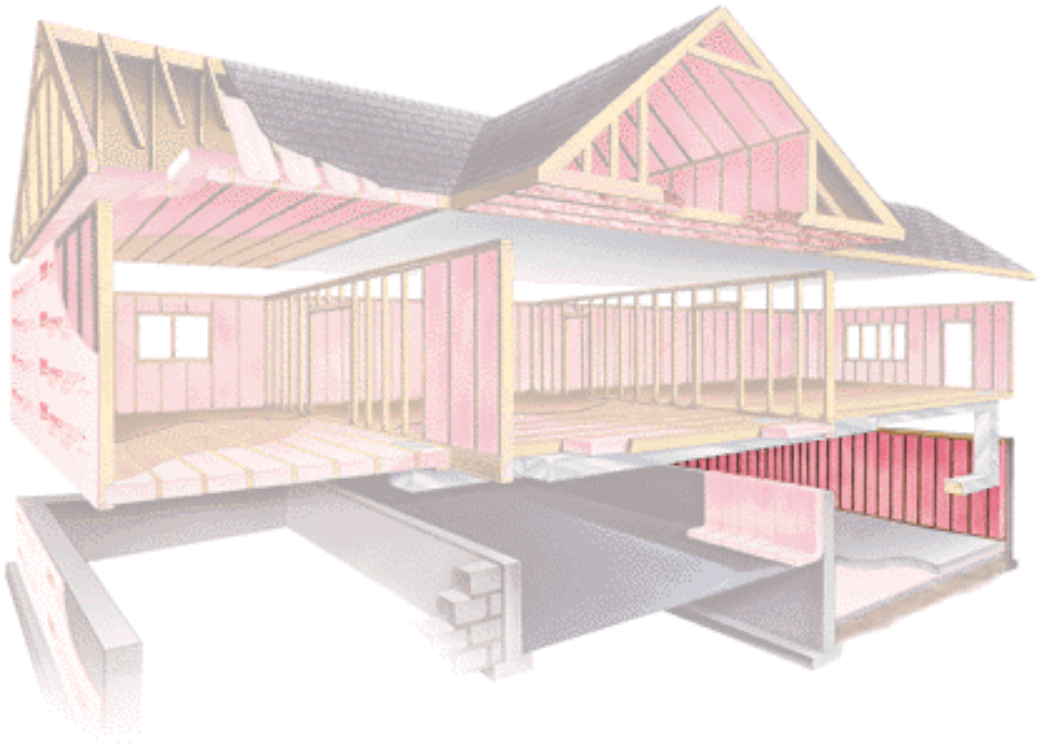
OWENS CORNING® INNOVATIONS FOR LIVING™ **Insulating System**

Basement Walls



When insulating a conditioned basement, only the walls should be insulated. "Conditioned" means the space is heated or cooled by a furnace or air conditioning unit.

The very first thing to do before insulating a foundation is to seal any penetrations in the band joist. Examples include plumbing, electrical and dryer vents. Also, use caulk to fill any holes, cracks or crevices in the exterior foundation or wall.

You have three basic options to insulate the walls□ you can construct 2x4 or 2x6 stud frames and fill the cavities with fiber glass insulation; you can use the Owens Corning Basement Wall Finishing System which requires no additional paneling or drywall; or you can install INSUL*PINK* foam insulation board to add R-value without sacrificing space to construct framing.

Recommended Insulation Products:

2 x 6 Wall Construction

R-21	Exterior 2 x 6 Wall Fiber Glass Insulation	5 1/2" Thick
R-19	Floor & 2 x 6 Wall Fiber Glass Insulation	6 1/4" Thick

2 x 4 Wall Construction

MIRAFLEX R-13	Exterior 2 x 4 Wall Insulation; Perforated Poly Wrap - Poly-Faced 1 Side	3 1/2" Thick
R-13	Exterior 2 x 4 Wall Fiber Glass Insulation	3 1/2" Thick
R-11	Basement 2 x 4 Wall Fiber Glass Insulation; Faced - With Vapor Retarder	3 1/2" Thick
R-11	Basement 2 x 4 Wall Fiber Glass Insulation; Unfaced - No Vapor Retarder	3 1/2" Thick

No Frame Construction

Basement Wall Finishing System

INSUL*PINK* Foam Insulation Board

Installation:

Either faced or unfaced exterior wall insulation can be used on basement walls, with R-values ranging from 11 to 21. Faced insulation should be placed between the studs with the vapor retarder facing the interior of the room in heating climates. The flange on the facing can be stapled to the inside or face of the stud.

For the band joist, use unfaced cut-to-fit pieces of insulation and place them snugly into the space. If a vapor retarder is needed, cut poly to fit over insulation.

If unfaced insulation is used for basement walls, a 4- to 6- mil poly vapor retarder will need to be installed.

With either faced or unfaced insulation with a separate polyethylene vapor retarder, an interior finish material, such as drywall, should be installed as soon as the insulation is in place.