

Insulating Exterior Basement Walls using **PlastiSpan®** or **DuroFoam®** Insulation



1 Apply Dampproofing.
Ensure that the concrete surface is dry and free of dirt. Apply dampproofing or waterproofing compound, if required, to the exterior face of concrete wall from the top of footings to above finished grade.



2 Install PlastiSpan or DuroFoam.
Starting from a corner, apply insulation to the wall from the top of the footing to the top of the footing. Use an expanded polystyrene compatible adhesive. PlastiSpan insulation is used as an insulating sheathing installed on the exterior of a building. The long edge of the board should be horizontal.



3 Measure and Trim Insulation.
Measure and trim PlastiSpan or DuroFoam insulation with a utility knife or fine tooth hand saw to fit around any openings such as windows.



4 Protect The Insulation.
Place a 6" deep layer of coarse gravel against the bottom edge of the insulation and over the drainage tile.



5 Protect Exposed Insulation.
Insulation must be protected from the top of the basement wall to 12 inches below grade to prevent damage. Stucco parging is one common protective layer than may be applied. Talk to your building supply professional about other choices.



6 Backfill.
Backfill the foundation wall to the required grade using backfill material that will permit drainage to the drainage tile at the bottom of the wall. Grade the site so that the top soil is sloped away from the foundation wall.



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