

The Need For Below Grade Insulation.

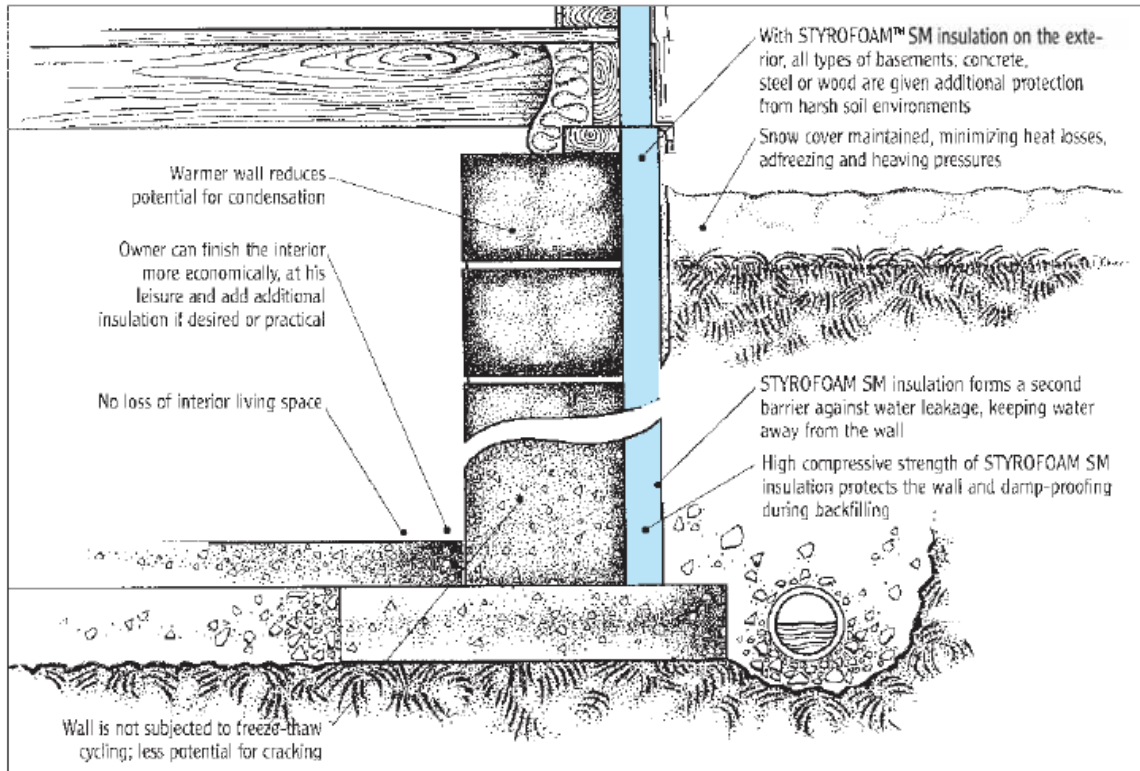
With the uncertainty of future energy supplies and the certainty of escalating energy costs, the key to long-term energy efficiency for home-owners is better insulation. Most of the insulation techniques focus only on fiberglass batt insulation in the walls and ceilings. To get the most effective insulation, it needs to be applied to the exterior...think of it as putting on a warm coat on a cold winter day.

Basement Insulation: The Environment

A poorly insulated basement or foundation can contribute as much as 25% of a home's total energy loss. Fiberglass alone on the inside of the basement wall will not address the cold damp concrete foundation. It gets wet underground. On the outside of a foundation wall, soil absorbs moisture from rain, melting snow and dew. Inside, as warm air from the interior meets the colder wall, condensation can occur. Because of this, any insulation used below grade must be able to resist moisture if it is to retain its R-value over the long-term. Superior water resistance is the key to below grade insulation. In fact, over the long run, there's no better value than STYROFOAM brand insulation for your below grade insulation dollar.

Keeping a foundation constantly warm and dry is the key to its long term performance. Moisture resistant STYROFOAM SM insulation will help keep foundations in great shape. There are several advantages to insulating the exterior surface of basement or foundation walls. The concrete wall insulated on the exterior surface is not subjected to large temperature differences. As a result, thermal cycling and stress in the wall – the major causes of foundation damage may be reduced. A continuous layer of STYROFOAM SM insulation around the entire exterior of the foundation will significantly reduce thermal bridges. At the same time, by keeping moisture away from the wall, it will also provide a second level of protection should cracks develop.

Visit us at WWW.INSULATEYOURHOME.CA
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Eight Great Advantages with STYROFOAM™ SM Brand Insulation