PlastiSpan® HD Insulation
INSULATING ABOVE A BASEMENT SLAB

See step-by-step instructions on reverse.

Also see application for basement wall insulation

Features & Benefits

- Meets all building code requirements
- Meets CAN/ULC-S701, Type 2
- Long term RSI 0.70/25 mm
  (R-value 4.04/inch)
- Compressive Resistance: 16 psi
- Closed cell insulation resists moisture
- CCMC 12425-L
- Custom sizes available

Energy Tip

Insulating your basement floor provides added comfort and increased energy savings.
Follow these simple How-To steps to install your PlastiSpan HD insulation for an insulated basement floor.

1. **Follow the building code.** Be sure to follow the building code requirements applicable in your region.

2. **Install a Moisture Barrier**
   - Cover the entire floor area with a 6-mil polyethylene moisture barrier to eliminate moisture migration into your living area.
   - Plan your project to place your insulation and nailers at 24” on centre across the floor in one direction.

3. **Attach Perimeter Nailers**
   - Attach nailer with the same thickness as the insulation, around the perimeter, using self-tapping concrete screws penetrating the concrete floor as recommended by the screw manufacturer.

4. **Install Nailers and Insulation**
   - Cut the first row of insulation to a 21-3/4" width. Cut subsequent rows to 22-1/2" widths. Use the insulation cut as guides to place successive rows of nailers at 24” on centres.

5. **Prepare to Lay Sub-Floor**
   - Mark the walls where the nailer centres intersect it to help locate the nailers when attaching the sub-floor. The sub-floor thickness should be 5/8". Snap chalk lines across the nailers to ensure the sub floor material is placed squarely.

6. **Secure the Sub-Floor**
   - Be sure to stagger the floor sheathing joints for extra stability. Apply adhesive to the nailers. Fasten the 5/8" floor sheathing directly to the nailers using either ringed nails or deck screws every 8”. With an air nailer, use 2-inch ringed floor sheathing or screw nails. With a screw gun, use 1-1/2" or 1-3/4” deck screws.

7. **Ready for Floor Finishing.**
   - Your basement floor is now correctly insulated and ready for your final decorating touch. You should notice the finished floor is now much more comfortable.

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**Watch the How-To video on our YouTube Channel**

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