

PlastiSpan® HD Insulation

INSULATING INTERIOR BASEMENT WALLS



See step-by-step
instructions on reverse.

Also see application
for basement slab
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

Continuous insulation applied over the interior surface of basement walls eliminates thermal bridges and ensures the wood frame wall cavity will remain warmer.

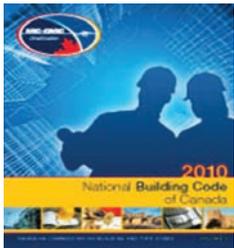
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Follow these simple How-to steps to install your PlastiSpan HD insulation to have an insulated interior basement wall.

MILLIMETERS	RSI	INCHES	R-VALUE
19	0.53	3/4"	3.03
25	0.70	1"	4.04
38	1.06	1 1/2"	6.06
50	1.40	2"	8.08
75	2.10	3"	12.12



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

The wall surfaces must be clean, dry and free of foreign materials and sharp projections.



- 4. Frame the Wall.**
Construct a wood framed wall to be installed in front of the insulated basement wall to support the 1/2" thick gypsum board. The vertical framing members should be at least 2'x2' spaced at 16" or 24" on centres.



- 2. Start From a Corner.**
Starting from a corner, attach insulation boards to the basement wall using an adhesive compatible with expanded polystyrene (EPS) insulation.



- 5. Install the Wall.**
Fasten the framed wall to the upper floor joist and basement floor leaving a small gap between the insulation and the back of the framed wall. Electrical wiring can be placed by running it in the small gap behind the framing. Use shallow electrical boxes.



- 3. Measure and Cut.**
Measure and cut insulation board with a utility knife or fine tooth hand saw such as a keyhole type or drywall saw to fit openings such as windows. Insulation boards should be tightly butted together.



- 6. Attach Gypsum.**
See Vapour Barrier note & reference Plasti-Fab Product Information Bulletin 285 for additional information.

Attach 1/2" thick gypsum board to the face of the framed wall.

Vapour Barrier.

PlastiSpan HD insulation at minimum 3" thickness used as the sole thermal insulation does not require a separate vapour barrier to control condensation within the assembly.

- Canadian code recognizes that when low-permeance insulation is the sole thermal insulation in a building assembly the temperature of the inner surface of the low-permeance insulation will be close to the interior room temperature.



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