

PlastiSpan® HD Insulation

EXTERIOR INSULATING SHEATHING



See step-by-step instructions on reverse.



Features & Benefits

- 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 over your exterior walls eliminates thermal bridging, increasing your total effective RSI/R-value. This reduces energy costs and increases your energy savings.

PlastiSpan® HD Insulation

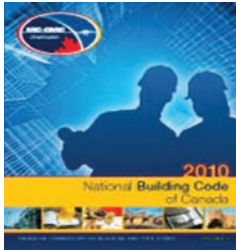
EXTERIOR INSULATING SHEATHING



Continuous insulating sheathing over the exterior eliminates thermal bridging and reduces air infiltration.



MILLIMETERS	RSI	INCHES	R-VALUE
19	0.53	¾"	3.03
25	0.70	1"	4.04
38	1.06	1 ½"	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.



4. Install sheathing membrane.
Sheathing membrane to be installed as per local building code requirements.



2. Plan the joints.
Apply the insulating sheathing board over the exterior of wood framing with all vertical edges of boards butted tightly together over stud locations for adequate support.



5. Install exterior cladding.
Follow cladding manufacturer instructions and building code requirements for installation of exterior finishing materials.



3. Use correct fasteners.
Insulation board must be fastened to framing using fasteners with heads or washers at least 1/2" diameter where the cladding will be applied directly against the insulation. Fasteners with heads or washers at least 1" diameter must be used where an air space will exist between the insulation board and the cladding (e.g. brick cladding).

NBC 2005, Table 9.23.16.2.A./NBC 2010 Table 9.23.17.2.A.
Wall Continuous Insulating Sheathing Thickness and Specifications
Forming part of NBC 2005 Sentence 9.23.16.2.(1)/NBC 2010, Sentence 9.23.17.2.(1)

Type of Sheathing	Minimum Thickness, mm See Note 1 Below		Material Standards CAN/ULC-S701
	With Supports 400 mm o.c.	With Supports 600 mm o.c.	
PlastiSpan Insulation	38	38	Type 1
PlastiSpan HD Insulation	38	38	Type 2
PlastiSpan 25 Insulation	25	25	Type 3

Notes to Table:

1. Minimum thickness applies for insulating sheathing when exterior walls and gable ends must be sheathed when the exterior cladding requires intermediate fastening between supports or if the exterior cladding requires solid backing.
2. Where wood shingles or shakes are applied over insulating sheathing, the shingles or shakes must be attached to a wood lath not less than 38 mm by 9.5 mm thick securely nailed to the framing.
3. Minimum thickness of continuous insulating sheathing applied to the exterior of wood frame walls must also comply with regional requirements for ratio of outboard to inboard thermal resistance (see Plasti-Fab PIB 287 for additional guidance).



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