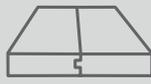


Exterior Wall Insulation Panels



GAF ThermaCal® Wall Exterior Wall Insulation Panels



Description:

ThermaCal® Wall Exterior Wall Insulation Panels are factory-assembled panels consisting of a top surface of sheathing (which serves as a nail base for exterior sidewall coverings) and GAF EnergyGuard™ Polyiso Insulation. They're manufactured in our Statesboro, Georgia, plant using the latest technology in manufacturing to provide a product of the highest quality and performance.

Features and Benefits:

- Insulates to help reduce heat and cold drive into the living/conditioned space, helping reduce associated energy costs
- Designed for attachment to structural exterior sidewalls while serving as a nailable base for most exterior sidewall coverings*

- Nominal 4' x 8' (1.21 m x 2.44 m) panels (actual coverage is approx. 47 1/2" x 96" [1.21 m x 2.44 m])
- Panels include premium-quality GAF EnergyGuard™ Polyiso Insulation
- Tongue-and-groove ISO foam (8' [2.44 m] sides) provides a tight fit to help minimize heat loss through panel joints
- Top sheathing layer is cut back (8' [2.44 m] sides) for sheathing expansion clearance and easy installation

***Note:** ThermaCal® Wall Panels are **NOT** structural. They can be used with most exterior sidewall coverings that allow attachment to sheathing only, and should **NOT** be used with heavier exterior sidewall coverings that require attachment to studs. Always consult the exterior sidewall covering manufacturer for acceptable substrates and attachment requirements. Do **NOT** install EIFS (Exterior Insulation Finishing Systems) over ThermaCal® Wall Panels.

Specifications

- Single layer of sheathing: 7/16" (11.1 mm) OSB (standard) and 5/8" and 3/4" (15.9 mm & 19.1 mm) OSB or plywood; fire-treated options also available
- Polyiso insulation thicknesses available: 1.0" – 4.0" (25 mm – 102 mm)
- R-values available: 6.30 – 24.20

Codes & Compliance

ThermaCal® Wall Exterior Wall Insulation Panels:

- May contribute toward LEED® credits

Polyiso Insulation:

- Polyiso core complies with ASTM C1289, Type II, Class I, Grade 2
- ASTM E84 Flame Spread Index of ≤7 and Smoke Developed Index of ≤450

For technical information, contact GAF Technical Support at 1-800-766-3411 or technicalquestions@gaf.com.

For assistance with specifications, contact GAF Architectural Information Services: 1-800-522-9224 or AIS@gaf.com.

ThermaCal® Wall Exterior Wall Insulation Panels						
Approx. Overall Panel Thickness ¹		Nominal Polyiso Thickness		Approx. Weight		Total System R-Value ²
in.	mm	in.	mm	lb./sq. ft.	kg/sq.m	
1.5"	38 mm	1.0"	25 mm	1.6	7.81	6.30
2.0"	51 mm	1.5"	38 mm	1.7	8.30	9.20
2.5"	64 mm	2.0"	51 mm	1.8	8.79	12.00
3.0"	76 mm	2.5"	64 mm	1.9	9.29	15.00
3.5"	89 mm	3.0"	76 mm	2.0	9.76	18.00
4.0"	102 mm	3.5"	89 mm	2.1	10.25	21.10
4.5"	114 mm	4.0"	102 mm	2.2	10.74	24.20

¹Approx. overall panel thickness and weight based on the polyiso insulation and one layer of 7/16" (11.1 mm) OSB.

²Total system R-value includes the LTR R-value of the polyiso insulation and .55 R-value of the 7/16" (11.1 mm) OSB attached to the polyiso. LTR R-value calculations are based on ASTM C1289-17.



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