



Specifications – Thermostat® OSB Radiant Barrier

Thermostat® oriented strand board (OSB) radiant barrier sheathing is designed for roof sheathing applications, reflecting up to 97% of the sun’s radiant heat and keeping it from being absorbed into the attic of your home. That means you can maintain indoor comfort while potentially lowering cooling energy consumption.

Backed with a specially designed metalized film/Kraft paper laminate, this high-quality Georgia-Pacific OSB sheathing is installed foil side down facing into the attic space. Since metalized film is highly reflective, up to 97% of the radiant heat is reflected from entering the attic space.

Available Sizes

Square Edge 3’-11⁷/₈” (1.216 m) x 7’-11⁷/₈” (2.435 m) – sized for 4’ x 8’
 3’-11⁷/₈” (1.216 m) x 8’-11⁷/₈” (2.740 m) – sized for 4’ x 9’
 3’-11⁷/₈” (1.216 m) x 9’-11⁷/₈” (3.044 m) – sized for 4’ x 10’

Building Code Performance Categories, Panel Thickness

- 7/16 CAT, 0.418” (10.61 mm)
- 15/32 CAT, 0.451” (11.45 mm)
- 19/32 CAT, 0.578” (14.68 mm)

Specifications

Thickness Tolerance	± ¹ / ₃₂ ” (± 0.79)
Length/Width Tolerance	+0, - ¹ / ₈ ” (+0, -3.2 mm)
Straightness Tolerance	± ¹ / ₁₆ ” (±1.6 mm)
Squareness Tolerance	± ¹ / ₈ ” (±3.2 mm)
Classification	Exposure 1 – OSB suitable for uses not permanently exposed to the weather. Panels classified as Exposure 1 are intended to resist the effects of moisture on structural performance as may occur due to construction delays, or other conditions of similar severity.
Code Fire Classification	Class III or C
Flame Spread Rating	75-200, smoke-developed index <450
Building Code Compliance	PS 2-18
Laminate	Laminate utilizing a metalized film with a Kraft backer with emissivity of .03.
Other Information	
Forestry Certification	Thermostat OSB panels are made from Sustainable Forestry Initiative® (SFI®) certified responsible wood sources.
Product Warranty	Thermostat OSB panels are covered by a Lifetime Limited Warranty. For terms and conditions, please refer to our Lifetime Limited Warranty available at www.buildgp.com/warranties .
Formaldehyde Content	Thermostat OSB panels contain no added urea formaldehyde resins. Emission levels for certified PS 1 and PS 2 structural panels are exempt by EPA TSCA Title VI regulations and the California Air Resources Board in the <i>Composite Wood Air Toxic Control Measure (ATCM)</i> and phenolic bonded structural panels are exempt from testing or monitoring by HUD in the <i>Manufactured Home Construction and Safety Standards</i> .





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Manufacturing Locations

Location	APA Mill Number	Zip Code	Harvest Radius
Clarendon, SC	532	29001	50 miles
Fordyce, AR	475	71742	100 miles
Hosford, FL	500	32334	75 miles



Georgia-Pacific

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