



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 aluminum foil/craft paper laminate, this high-quality Georgia-Pacific OSB sheathing is installed foil side down facing into the attic space. Since aluminum foil is highly reflective, up to 97% of the radiant heat is reflected from entering the attic space.

Available Sizes

Square Edge 3'-11 $\frac{7}{8}$ " (1.216 m) x 7'-11 $\frac{7}{8}$ " (2.435 m) – sized for 4' x 8'
 3'-11 $\frac{7}{8}$ " (1.216 m) x 8'-11 $\frac{7}{8}$ " (2.740 m) – sized for 4' x 9'
 3'-11 $\frac{7}{8}$ " (1.216 m) x 9'-11 $\frac{7}{8}$ " (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 2-04
Foil	Foil utilizes a Kraft backer and bright (polished) aluminum foil with emissivity of .03.

Other Information

Forestry Certification	Thermostat OSB panels are made from Sustainable Forestry Initiative® (SFI®) certified responsible wood sources.
NGBS Green Certified	Thermostat OSB panels are Home Innovation NGBS Green Certified for Resource Efficiency, Energy Efficiency and Indoor Environmental Quality. Please visit Homeinnovation.com/Green for more information.
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 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
Allendale, SC	515	29827	50 miles
Fordyce, AR	311	71742	100 miles
Hosford, FL	310	32334	75 miles



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