LP SilverTech®
STANDARD ROOF SHEATHING

LP Everyday Series™

Basic Uses

LP® SilverTech® Standard Roof Sheathing can be used as a radiant barrier on roofs and gable ends to reduce solar gain. This product installs like conventional sheathing, requiring no additional labor.

Gable Installation

Installing LP SilverTech Standard Roof Sheathing within the gable ends will help contribute to the reduction in solar gain and the overall energy efficient design of the attic space. As with the installation of LP SilverTech Standard Roof Sheathing on roofs, it is important that it is installed with the foil side facing into the attic.

Storage and Handling

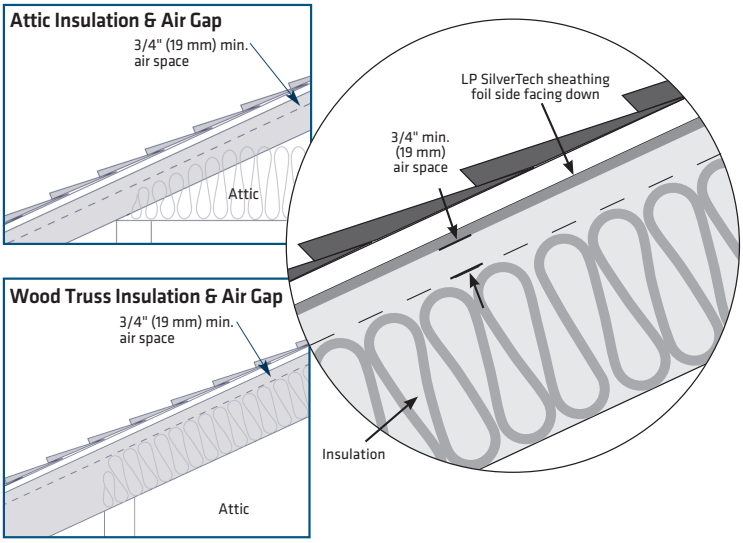
Store LP SilverTech Standard Roof Sheathing panels in a clean, dry area. Do not store in direct contact with the ground. Protect from moisture prior to and during installation. Outside storage, if necessary, requires panels to be covered with plastic sheets or tarps with the sides loosely covered to provide adequate air ventilation.

Handle LP SilverTech Standard Roof Sheathing panels as you would other APA rated LP sheathing products. Be careful not to drop on corners or crush panel edges. Keep panels well supported and neatly stacked to prevent warping. Use caution to avoid damage to the radiant barrier foil surface.

For a copy of the warranty or for installation and technical support visit: lpcorp.com
Phone: 800-334-3551, Email: customer.support@lpcorp.com

Roof Sheathing Installation

- Place the skid-resistant side up with the APA Trademark Stamp facing down and wear skid-resistant shoes when installing the roof sheathing.
- Install with the long dimension or strength axis of the panel across supports and with the panel continuous over two or more spans.
- Provide 1/8" (3 mm) min. space at panel ends and edges. Use a spacer tool (i.e. 0.128 inch shank diameter nail) to assure accurate and consistent spacing.
- Panel end joints shall occur over framing. Stagger end joints in each succeeding row.
- Provide additional panel stiffness by installing panel edge clips mid-span on all unsupported edges.
- Nail 6" (152 mm) o.c. along supported panel ends and edges and 12" (305 mm) o.c. at intermediate supports. Fasten panels 3/8" (10 mm) from panel edges. Use 0.131 inch shank diameter nails for panels up to 1" (25 mm) thickness. Other code-approved fasteners may be used.
- Cover roof sheathing as soon as possible with roofing felt or shingle underlayment for protection against excessive moisture prior to roofing. If any edge swelling occurs prior to roof underlayment installation, all raised joints should be sanded flat.
- Heavier weight and/or textured shingles are recommended to better mask imperfections in roofing assembly.
- Roofing nails will penetrate through the roof sheathing, tear the foil, and be visible from inside the structure. Consult your roofing material manufacturer and local building code requirements for approved fastening alternatives.



Recommended uniform roof live loads for APA-RATED SHEATHING[c]
LP SilverTech Standard Roof Sheathing with long dimension perpendicular to supports

APA-RATED SHEATHING[b]		MAXIMUM SPAN (IN.)		ALLOWABLE LIVE LOADS (PSF)[d] Spacing of supports center-to-center (in.)						
Panel Span Rating	Performance Category[e]	With Edge Support [a]	Without Edge Support	12	16	20	24	32	40	48
24/16	7/16	24	24	190	100	60	30			

(a) Panel edge clips (one midway between each support, except two equally spaced between supports 48 inches (1 219 mm) o.c.), lumber blocking or other.
(b) Includes APA-RATED SHEATHING/CEILING DECK.
(c) 10 psf dead load assumed.
(d) Applies to panels 24 inches (610 mm) or wider applied over two or more spans.
(e) Performance Category replaces the nominal panel thickness

⚠ WARNING: Drilling, sawing, sanding or machining wood products can expose you to wood dust, a substance known to the State of California to cause cancer. Avoid inhaling wood dust or use a dust mask or other safeguards for personal protection. For more information go to www.P65Warnings.ca.gov/wood.

LP Outdoor Building Solutions®

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