Important SolarPly™ Handling and Installation Information:

- SolarPly™ installs like conventional rated roof sheathing.
- Protect SolarPly™ from moisture prior to, during, and after installation.
- Keep foil side clean prior to installation.
- Always check for uniform rafter alignment.
- Panel spacing on ends and edges must be 1/8".
- Foil side with SolarPly™ logo must face down or inward toward attic.
- Foil side with SolarPly™ logo should face outside/exterior in wall installation.
- Leave 3/4" air space between SolarPly™ and insulation.
- Provide adequate roof ventilation according to the building codes in your area.

Available on APA tested exposure 1 rated plywood, which meets requirements of the PS 1-95 standard.

Common thicknesses: 15/32 4-ply, 19/32 4-ply, and 23/32 5-ply. Other thicknesses are available.

Coastal Lumber Company

You'll Stay Cooler and You'll Save Money

SolarPly™

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1-800-735-2727

www.coastalplywood.com

Radiant Barrier Sheathing

SolarPly™

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SolarPly™

You'll Stay Cooler and You'll Save Money.

A radiant barrier sheathing that reflects the sun's radiant energy

How SolarPly™ works:

- When the sun heats a roof, it is primarily the sun's radiant energy that makes the roof hot.
- A large portion of this heat travels by conduction through the roofing materials to the attic side of the roof.
- The hot roof material radiates it's gained heat energy into the cooler attic.
- SolarPly™ reduces up to 97% of the radiant heat transfer from the roof to the attic.
- This can decrease attic temperatures up to 30° degrees.

*Energy Efficiency and Renewable Energy Network (EREN) - U.S. Department of Energy

*The 97% reflectivity was derived from the aluminum foil laminate utilizing an emissometer in accordance with ASTME 408 - Method B

How SolarPly™ saves you money:

- With lower attic temperatures, ceiling heat flow is reduced up to 63%.
- Duct conduction loss is reduced by 30% and your A/C system's workload is reduced up to 20%.
- This results in an overall energy use reduction of up to 20% in your home, saving you money!

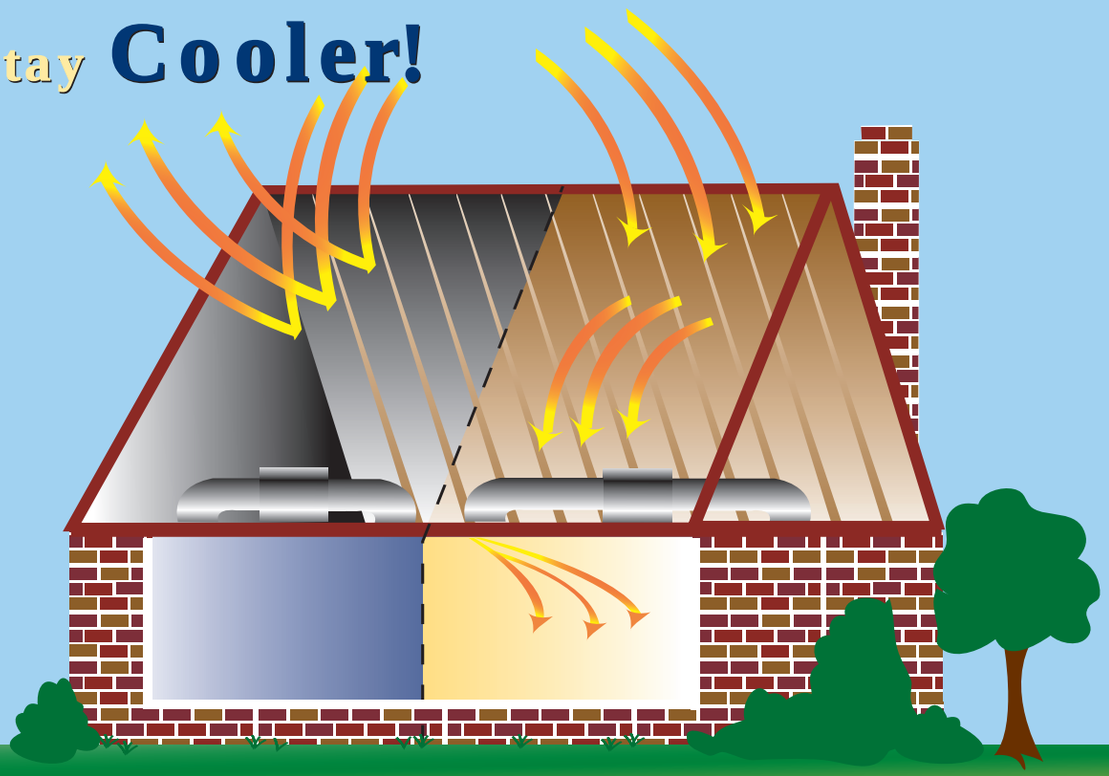
*Radiant Barrier Study for Houston, TX (by M.A. Medina, Ph.D.) Assistant Professor Mechanical and Industrial Engineering Department, Texas A & M University, Kingsville, TX

Will SolarPly™ effect shingle warranties?

- No! According to the Florida Solar Energy Center, peak shingle temperatures are only increased 2-5 degrees with radiant barrier roof sheathing.
- A 2-5 degree increase in peak temperatures that normally reach 160-190 degrees has no adverse effect, therefore has no effect on a shingle manufacture's warranty.

*Florida Solar Energy Center - EN-15-87

With SolarPly™ attics & homes stay Cooler!



SolarPly™ Prevents Up to 97% of the Sun's Heat from Entering the Attic.

- Attic temperatures reduced by as much as 30°
- Reduces workload on your A/C unit
- Lowers cooling bill up to 20%, reducing energy consumption and saving you money.

Traditional Sheathing Allows Radiant Heat to Enter your Home.

- Extreme attic temperatures
- Heat transfers through the attic into the living areas
- Increased workload on A/C & system
- Energy bills soar

Cooling Without SolarPly™ Attic Temperatures Soar