

# Radiant Barrier Sheathing – SolarPly™



Coastal produces Radiant Barrier Sheathing – SolarPly™ panels as defined in US Product Standard **PS2-10** for Construction and Industrial Plywood. Traditional sheathing allows the sun’s radiant heat to enter a home through the roof and walls which can cause extreme attic temperatures, heat transfers, and ultimately higher energy bills. SolarPly™ installs like traditional sheathing but it has a foil coating on one face which reduces up to 97% of the radiant heat transfer from the roof to the attic. This reduction can lower attic temperatures by up to 30 degrees and decrease an A/C system’s work load by up to 20%. Similar to conventional sheathing, SolarPly™ panels are rated for strength properties and are not graded for their appearance since they are generally not exposed in their final use. Coastal’s SolarPly™ panels are widely used throughout the industry in the construction of walls and roofs to help homeowners save money.

All of Coastal’s SolarPly™ panels are produced with **Group 1** species and the glue bond classification is **Exposure-1**. We offer this item in 15/32, 19/32, & 23/32 Performance Categories.

Production Item	Performance Category	#Plys	Pcs/Unit	Span Rating	Construction Layup	Notes
Radiant Barrier Sheathing	15/32	4	70	32/16	D or better Face D or better Back D or better inner plies	Foil coated to reduce transferable radiant heat
	19/32	4	56	40/20		
	23/32	5	46	48/24		
Radiant Barrier Sheathing Structural 1	15/32	4	70	32/16	All plies D or better with additional Struct-1 restrictions on grade	Foil coated to reduce transferable radiant heat
	19/32	55	5646	40/2048/24		
	23/32					

\* Radiant barrier foil may be applied to any grade of plywood.

