

**EcoFasten**  
An ESDEC Company

# ECO-65

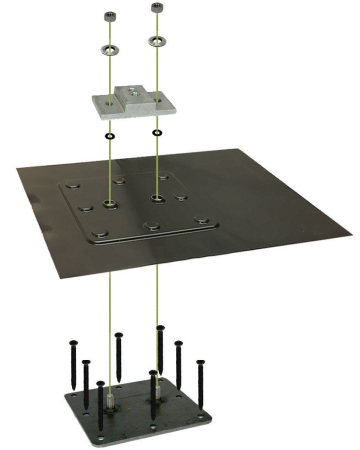
ROOF ATTACHMENT  
FOR LOW SLOPE  
AND COMPOSITION  
SHINGLE ROOFS

**ECOFASTEN**



# ECO-65

Eco-65 is engineered specifically for use on low-slope and flat roofs. The Eco-65 base plate is designed to be attached specifically to wood blocking or wood decking. Eco-65 utilizes two studs for attachment, allowing the use of larger attachment brackets. Eco-65 can be used on new or existing roofs, and is the standard, used by countless manufacturers of ballasted solar racking systems to augment their products for weight reduction and seismic securement.



## FEATURES / BENEFITS

- Engineered for use on low slope and flat roofs
- Specialized solutions to match any proprietary hardware
- Utilizes self-drilling fasteners to secure to the roof



EFL-BLK-1014



EF-65-BASE-SS



F-202



EFL-PST-1212

## Allowable Load Test Data

Condition	Material	Screw Size	Ultimate Load	Allowable Load*
Uplift	7/16" OSB	#14 x 1.5"	1343 lbs	448 lbs
Shear	7/16" OSB	#14 x 1.5"	4290 lbs	1430 lbs
Uplift	5/8" OSB	#14 x 1.5"	2176 lbs	726 lbs
Shear	5/8" OSB	#14 x 1.5"	4810 lbs	1603 lbs
Uplift	22 Ga Steel Deck	#14 x 2"	1625 lbs	542 lbs
Shear	22 Ga Steel Deck	#14 x 2"	2520 lbs	840 lbs

\*Allowable Load = Lowest Ultimate/F.S. 3.0  
Additional testing on CDX Plywood and Spruce available.

## Pressurized Rain Leak Tests

The Eco-65 System showed no indication of leaking. The testing apparatus was flooded and pressurized to 30psi and left stand for over 10 minutes. This is the equivalent to 70ft of standing water.

## CONNECT WITH ECOFASTEN

**QUICK**  
**RELIABLE**  
**INNOVATIVE**

EcoFasten develops, engineers and supplies solar rooftop mounting solutions for the commercial, industrial and residential markets. Built on continuous innovation, rigorous quality and attentive customer service, EcoFasten has more than 6 GW of installed capacity worldwide. All mounting systems are designed and developed by installers for installers. EcoFasten has simplified installations with the fastest, most economical mounting solutions on the market.



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