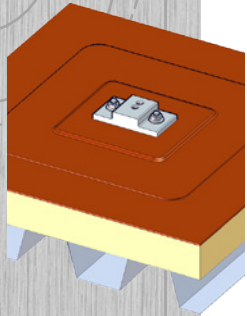
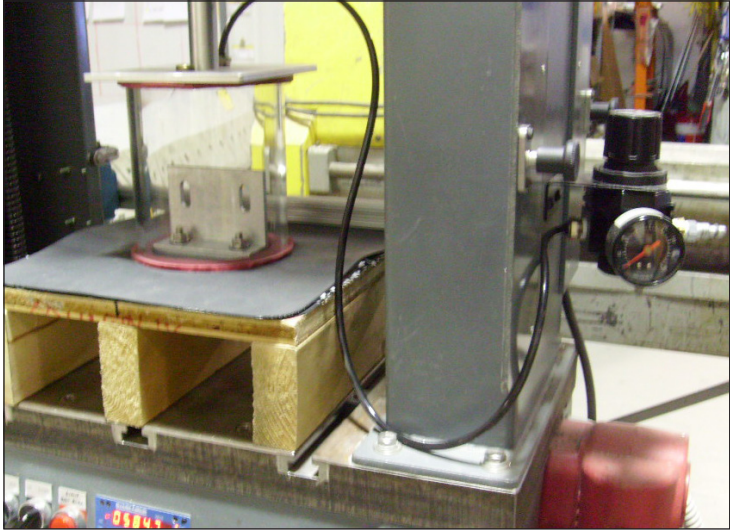
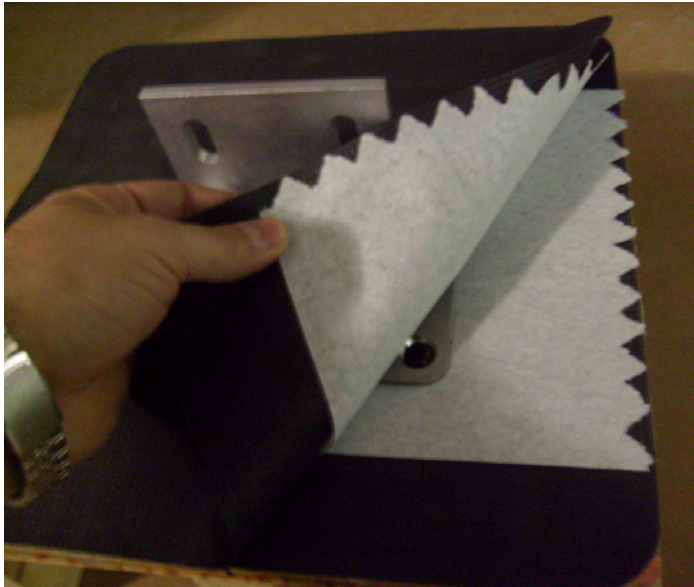


Woodblocking Leak Test

EcoFasten Solar® tested the EcoFasten roof mount system so you can be sure your roof penetrations won't leak, even when under standing water.

A paper towel was inserted above and below the base plate in this mock installation to provide a visual indication if any of the green water leaks past the flashing. The membrane is a 45mil reinforced EPDM from Carlisle.



EcoFasten Solar

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Woodblocking Leak Test

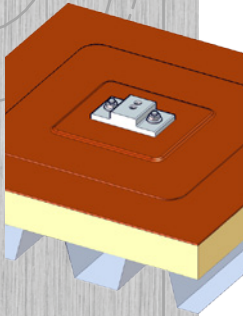
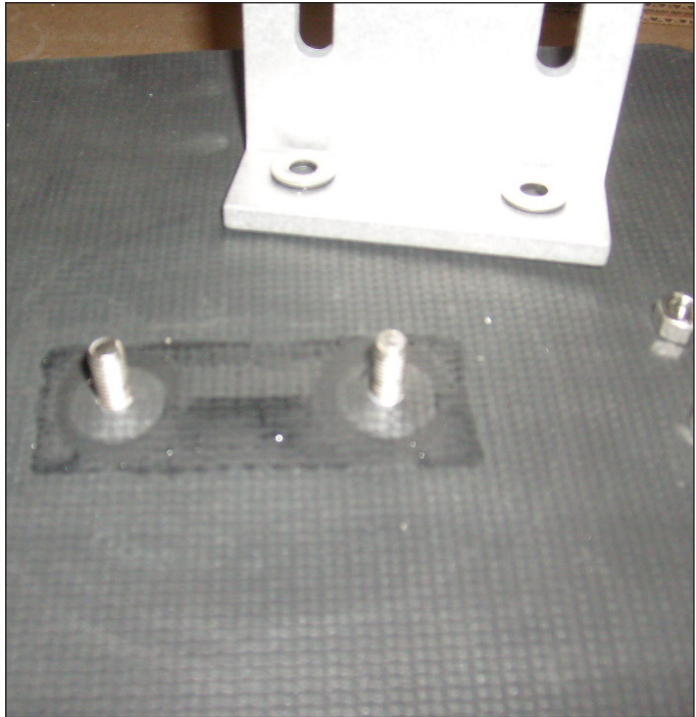
Our test apparatus encapsulates the entire bracket and seals against the membrane flashing which allows us to flood the bracket and pressurize the system.

The apparatus is pressurized to 30psi and left to stand for over 10 minutes. This is equivalent to nearly 70ft of standing water; the green water leaks past the flashing. The membrane is a 45mil reinforced EPDM from Carlisle.



The patented compression fitting between the cone shape of the base plate and the countersink in the bracket makes the EcoFasten system water tight. Water finds its way between the bracket and membrane but stops at the base of the compression fitting and can go no further:

Neither of the paper towels shows any indication of leaking. The EcoFasten system is 100% water tight.

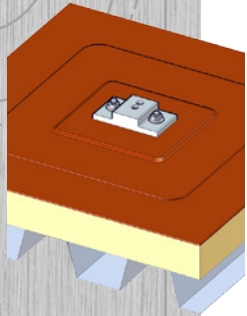
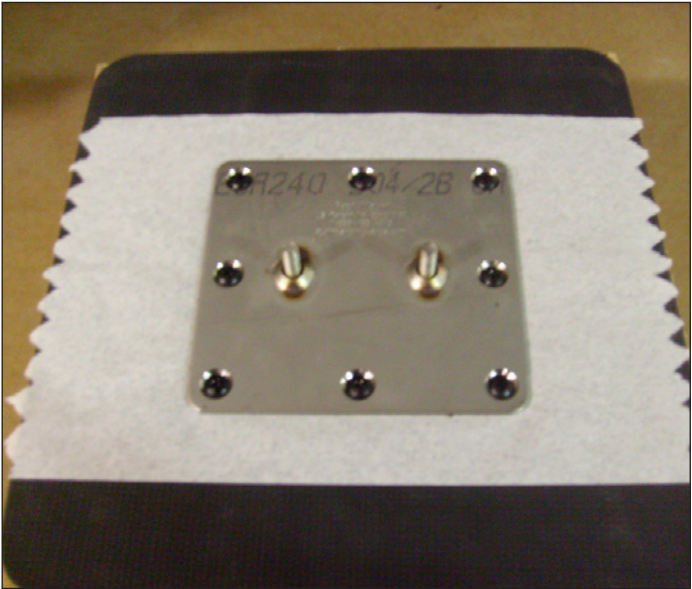
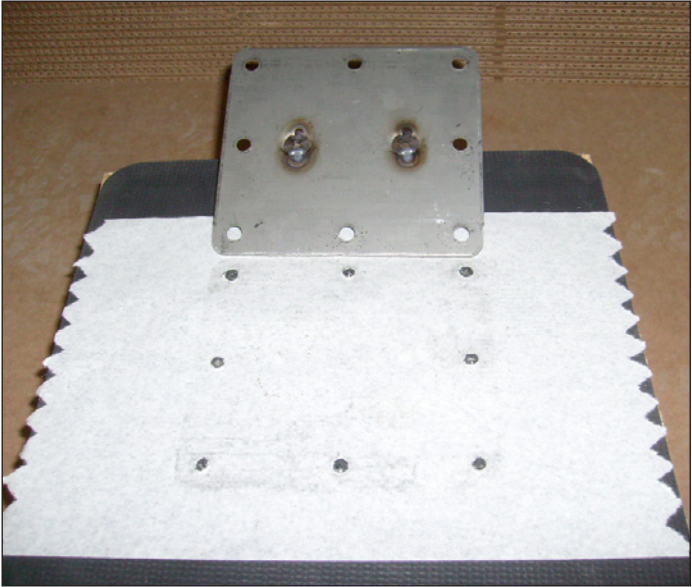


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Woodblocking Leak Test

Neither of the paper towels shows any indication of leaking. The Eco-Fasten system is 100% water tight.



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