



Green-Fasten Leak Test

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

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



After the apparatus is flooded it's pressurized to 30psi and left to stand for over 10 minutes. This is equivalent to nearly 70ft of standing water.



If there were a leak, an oversized hole in the roof deck and notch in the rafter would allow unrestricted flow to two paper towels that are stuffed around the fastener. To make it clear if there was a leak the water is dyed green.



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



The patented compression fitting between the cone shape of the flashing and the countersink in the bracket makes the Green-Fasten system water tight even when submerged under water.