InsulStar® has the Florida Product Approval for adding strength to your home’s roofing system when applied to the interior of the roof deck. In high wind events, your home’s fastening system is increased multiple times when InsulStar is added to the decking and rafters.

**InsulStar**

**PROTECT YOUR HOME AND FAMILY**

+ Add higher wind resistance to new or existing roof assembly
+ University of Florida Hurricane Research Center tested
+ Allows unvented attic applications
+ No additional vapor retarder normally needed
+ Provides secondary water resistive barrier
+ Superior R-values saves money with lower energy use
+ Ignition barrier covering not required
+ Save on insurance in many areas

**ADD HIGHER WIND RESISTANCE TO NEW OR EXISTING ROOF ASSEMBLY**

+ Tested to over 190 psf forces to both plywood and OSB decking
+ Has FEMA Highest Rating as Flood Resistant Insulation – Class 5
+ Florida Product Approval #9975 and Miami Dade NOA Approval #12-0810.09 to reinforce roof deck attachment against hurricane force winds
+ Can be installed in existing homes
+ NCFI GoldstarSM certified contractors assure proper installation of InsulStar

For more info on InsulStar please contact your NCFI rep or call us toll free (866) 678-5283 or visit www.InsulStar.com
Frequently Asked Questions

**Why does FEMA need so many blue tarps?**

85% of damage came from roof failures

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**Owner Benefits**

**InsulStar High Performance Wind Uplift Protection**

+ Peace of mind
+ Substantial insurance savings in most states
+ Lowers monthly energy bills
+ Tax rebates, energy credits and electric company rebates
+ Secondary Water Resistance (SWR)
+ Stronger than nails-only
+ Provides superior R-value reducing both heating and cooling costs
+ Creates an air barrier that eliminates leaks and energy loss
+ Specially formulated to inhibit mold, mildew and bacterial growth
+ Improves indoor air quality by keeping out dust and other pollutants

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**What is Secondary Water Resistance?**

It is a backup design, or material, that blocks water entry into the building if the primary roofing material is damaged.

**What is Deck Reinforcement?**

Wooden roof decks are attached to the rafters with nails or screws. Installing InsulStar to the interior side of the deck and framing members “glues” the members together providing much more resistance to blow off due to high winds. Most older homes may not have decking attached as securely as current building codes require, so installing InsulStar under the roof deck will provide a much stronger roofing system.

**How does InsulStar lower monthly energy costs?**

Insulating value is increased when installing InsulStar to the roof deck. It achieves consistent attic and interior temperatures within the house, so heating and cooling ducts are more efficient, and use less energy to heat or cool the house.

**Does InsulStar meet requirements of local building codes?**

Yes, InsulStar is code compliant in all states and additionally has special Florida Product Approval #9975 and Miami Dade NOA Approval #12-0810.09 for wind uplift resistance.

**Does InsulStar raise my roof temperature?**

Not significantly. Research has shown that roof temperatures are mostly affected by the color of the roof and the direction it faces. Installing InsulStar under the decking can increase the temperature slightly, but not enough to be a factor in a roof’s life cycle.

**If the roof develops a leak, will it rot my roof decking?**

No. If the primary roofing system is damaged and allows water to reach the wood decking, the homeowner should see staining in the soffit and fascia areas. Repairs can be made without water entering the attic space causing further water damage.

**Will InsulStar protect from tornadoes?**

Tornado wind patterns and forces are different from hurricanes. While a roof deck that includes the InsulStar system will be much stronger, there is no guarantee the structure can withstand the extreme forces of a tornado.