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Click the link to watch**



**“COOLWRAP” KEEPS BUILDINGS 14 DEGREES COOLER**

According to an article in the “Business Standard,” the U.S. Department of Energy (DOE) has agreed to study the eco-friendly roofing solutions developed by an Indian-based firm called Aesthetic Solutions (AS). AS uses nano-technology and infrared reflective technology to keep a building cooler without using any solvents. AS asserts their CoolWrap product will keep some buildings 14 degrees cooler. The company offers both roof and wall materials in a variety of colors. AS will administer two pilot projects in India working in conjunction with the U.S. DOE.

AS makes claims on their website that in addition to reducing surface temperatures by 12 – 14 degrees, their products can reduce AC running costs and electricity bills by up to 40%. Reflectivity : up to 89%

To check out AS's website go to <http://www.aestheticsolutions.co.in>



*Valerie Patterson  
President*



*Stan McDougall  
CEO, COO & Patent Owner*

**ICC SPEAKS AT NATIONAL NASFA CONFERENCE – DENVER, COLORADO**



The National Association of State Facility Administrators invited ICC to speak on "It's Always About the Money.. How to Do More with Less," on June 13 – 15, 2011. Valerie Patterson and Stan McDougall of ICC, and Florida State University's Tom Shewan, P.E., Associate Director, addressed this group of administrators who manage and maintain state facilities. ICC client Glenn Kornbrek, Architect and Director, Bureau of Buildings for the State of MS also spoke on ICC's behalf.

ICC's Valerie Patterson described ICC's unique patented aerial surveys that see inside building envelopes using non-destructive testing. While reviewing the benefits of ICC's service, Patterson remarked that many clients including Florida State University, University of Houston, and University of Central Florida had cored and gravimetrically tested ICC's reports and found the accuracy to exceed 95%.

Glenn Kornbrek, discussed the 400 building, 7 university study ICC was conducting. "The Legislature gave us a one-time appropriation to survey university roofs to fix the long standing problems. We decided on a man versus machine approach if you will. Some interesting intelligence has been the result :

- We dispelled the assumption that if the roof looks bad, it must be bad, or conversely if the roof looks really good, it must be good
- ICC provided totally separate and unique intelligence that looked inside the roof to augment the architect's physical inspection to help us make the replace/restore decisions.
- Especially in these low budget times, ICC is helping us prioritize problems from worst to best and indicating where we should revisit roof replacements and consider repairs.
- Based on preliminary data, we believe with ICC's intelligence and the help of an architect, the institutions themselves could do a better job of fixing problems while small instead of waiting until they're so bad that the State needs to step in and replace the roof for the institution."

FSU's Tom Shewan, P.E. explained to the group that FSU has retained ICC for 12 consecutive years to inspect every eligible campus building – approximately 60 buildings. Shewan remarked he had only 2 part-time roofers on staff which is considerably smaller than industry standards for similar university campuses. Shewan said he believed using ICC's service is more effective for him and less expensive than hiring additional roofing staff. Shewan also gave the following examples of how ICC's service had benefited FSU:

- "We just replaced a 43 year old roof that ICC has helped us manage in place for many years... keeping moisture out of the building has extended roof life."
- "ICC reports indicated that our Conference Center roof did not need to be replaced... due to constant leaking problems others interceded and insisted the roof be replaced at a cost of \$185k... after roof replacement the roof is still leaking... hindsight, others determined the building's skin was the real culprit."
- "ICC's report on FSU's Durac Library confirmed this new roof was totally moisture saturated... using ICC's report as evidence and our own records, the contractor was forced to totally remove the new roof and start over." Per State Building Code, Shewan explained his experience with identifying wet insulation in roofs as it relates to energy loss. "If insulation is saturated by 8% by weight, the State of Florida says the insulation has lost most of its insulating value and should be replaced. If 25% or more of a roof, or a roof section, is moisture saturated, the State recommends that the roof or roof section be replaced. Because moisture vaporizes during the day, the water condenses at night, wet insulation is literally pumping energy out of the building. ICC's service can help identify energy hog buildings."

Shewan closed his remarks by saying that his administrators demand data generated prioritization for decision-making and that is what he receives from ICC. "... I know I could not do my job as well as I do without ICC...."