

Infrared thermography is a useful tool to locate roof leaks and damaged roof deck on commercial buildings. Thermal imaging can locate water penetration on flat and low sloped roofs and help avoid roof replacement. We use Infrared Cameras to detect small differences in temperature of the roof deck because of the moisture under the roof covering. The Infrared Roof scan or survey is performed at night and as the roof gives it heat off to the sky, the moisture retains its heat longer and the temperature difference clearly indicates all wet areas.



Call for a quote today

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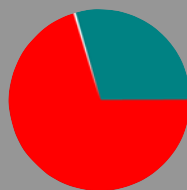
roofscan

ON - ROOF INFRARED MOISTURE SURVEYS

We **detect**
and **document**
roof moisture
with infrared
thermography



aerial surveys
also available



- Savings
- Survey Cost
- Final Cost

national **service**



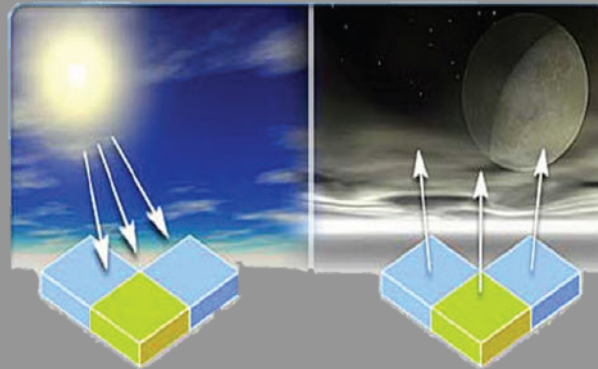
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ON - ROOF INFRARED MOISTURE SURVEYS

Waterproofing problems manifest themselves in two ways: Leakage and entrained moisture contamination. Leakage is pretty simple, although the leak inside the building rarely directly relates to the exact spot on the roof, since the water flows down the slope of the roof to a spot that is not sealed and into the building at that point. Most leaks occur where the waterproofing is sealed or where there is a penetration of the roof. Since most types of roof systems absorb some amount of water, it is harder to find the exact spot of water contamination in the insulation because it may not leak into the building until it has absorbed all the water it can hold.

IRTC roofscan Service here's how it works...

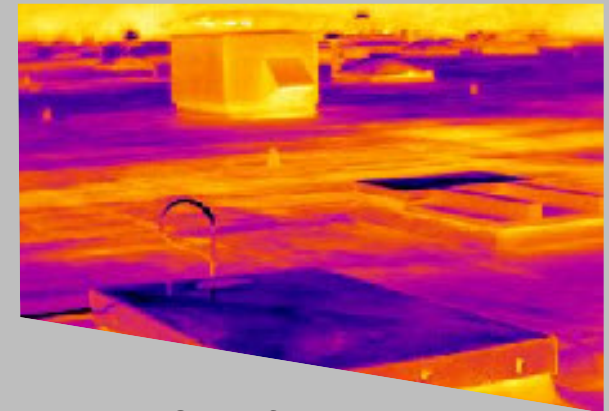
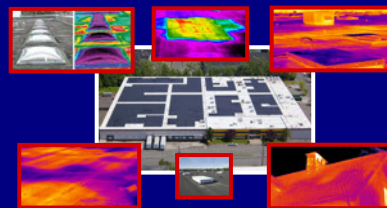
During the day, the sun radiates energy onto the roof and into the roof substrate, and then at night, the roof radiates the heat back into outer space. This is called radiational cooling. Areas of the roof that are of a higher mass (wet) retain this heat longer than that of the lower mass (dry) areas.



Infrared imagers can detect this heat and “see” the warmer, higher mass areas, during the “window” of uneven heat dissipation. Heat loss and other IR services can be performed at the same time.

20% OFF

ON ALL ROOF SURVEYS



Why IRTC roofscan

We create detailed, professional Reports documenting the entrained roof moisture, We designed the infrared reports so that Roof Professionals will be able to use the information to verify the wet areas and write specifications to repair the roof.

