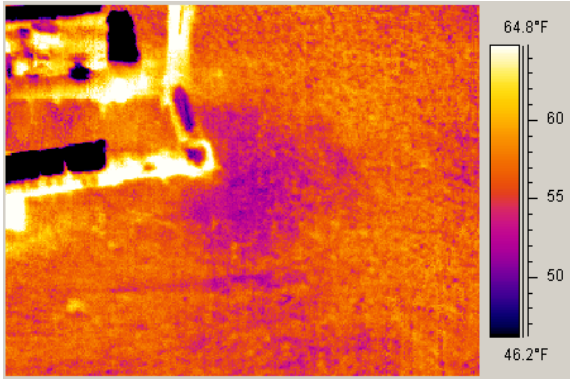


# Infrared Thermography for Flat Roofing



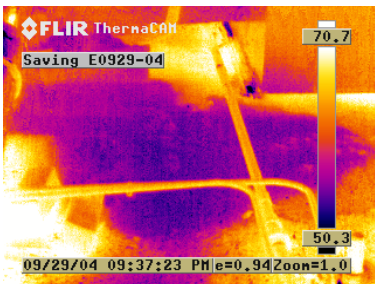
Minimize Water Related Damage... Cost Effective...

Increase Safety... Reduce Liability...

Catch leaks before they show up inside...

Infrared Thermography of flat roofs allows for a cost effective method of finding even small leaks in roof coverings. Private studies show that many roofs are replaced when less than 20% is actually affected. With a national average life of only seven years, flat roofs are the most expensive component of a building.

**\$\$\$ A picture can be worth a Thousand Dollars \$\$\$**



With our state-of-the-art equipment we will provide a clear concise report that includes side by side visible light and infrared images of problem areas.

..Helps control heating and cooling bills

..Great for energy audits

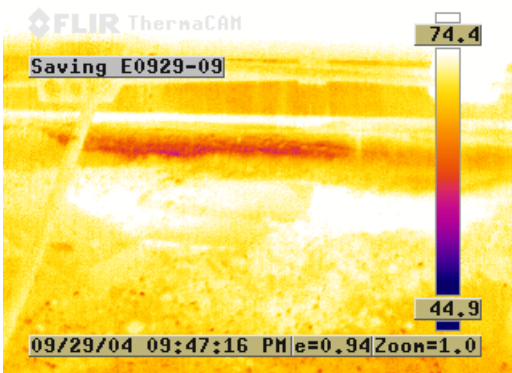
This method allows for identification and subsequent replacement of only the problem areas.

## Why such a short life?

Workmanship problems lead the list of causes, followed by poor designs, material failures, and poor maintenance. Once a roof begins to leak, water is absorbed into the roof assembly, especially the insulation. Once wet, insulation never dries. In fact, the trapped moisture can quickly cause further serious degradation to the roof, including the rusting of metal decks and fasteners, reduction in insulating value, and decay of the membrane.

Many roofs last longer, twenty or more years are not uncommon.

The secret? Good workmanship, design, materials, and a long-term maintenance program. Twice a year visual inspections using a good checklist are considered essential to head off problems. But an infrared survey is the only way to quickly and accurately locate and isolate areas of wet insulation, allowing you to see the true condition of the insulation in the entire roof system. When the roof does develop a leak and even a new roof will, infrared surveys are used to locate the trapped water. Because the leak is typically found to be within the boundary of the wet insulation, the wet area is marked for removal and repair. That keeps the roof in a dry condition, minimizing roof degradation, and extending the life of the roof.



Infrared image of moisture intrusion at the base of a chiller.

Please contact us for price quote.

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