

Minimize water related damage...
Cost Effective...
Increase Safety...
Reduce Liability...
*Catch leaks **before** they show up inside.*

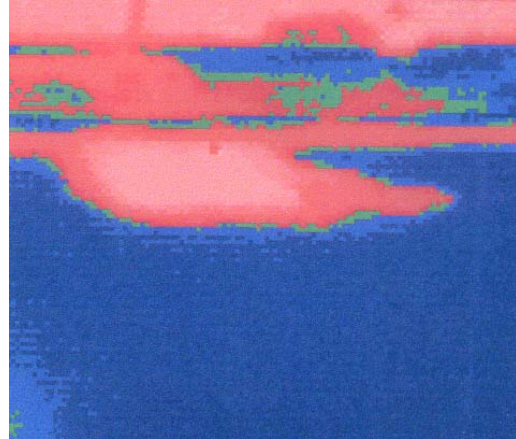
Infrared Thermography for Flat Roofing

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The owner painted where he *thought* the problem was. Actual point of entry was further down the parapet wall.



Infrared image (slightly different angle)

Infrared Thermography of flat roofs allows for a cost effective method of finding even small leaks in roof coverings, and where they *enter* the roof before they show up inside the building. Private studies show that many roofs are replaced when less than 20% is actually affected. This method allows for identification and subsequent replacement of only the problem areas.

How does it work? The presence of moisture in and under the roofing material creates more thermal mass, causing the roof to retain heat longer. The dry areas, because of less thermal mass, give up heat more quickly and show up as cooler areas on the thermal imager.

- With our state-of-the-art equipment we will provide a clear concise report that includes a CAD layout of entire building roof with affected areas identified and located.
- Helps control heating and cooling bills
- Great for energy audits
- Side by side visible light and infrared images of problem areas
- Problem areas clearly marked with contrasting paint for maintenance personnel

