

SECTION

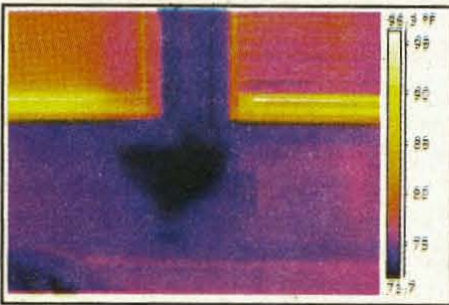
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Realtor News

IR Building Consultants Offer Infrared Imaging

A house is generally a homeowner's single most valuable financial investment and one of the most important emotional investments. To them it is more than bricks and mortar; it is the place where they live, rest, and raise their families.

Unfortunately, hundreds of thousands of unsuspecting homeowners realize their new homes suffer from some type of construction defect that will cost thousands of dollars to repair, depreciate the value of their home, or force them to leave their home.



INSTALLATION DEFECT: Faulty window installation causing hidden moisture damage is seen in this thermography image.

IR Building Consultants is a building envelope and moisture intrusion testing/consulting firm specializing in construction defects. The company performs moisture testing using ASTM calibrated equipment. Infrared technology is used to identify moisture and the source of moisture in new and older homes.

In a revolutionary application of thermography, IR Building Consultants, LLC is able to detect moisture leaks in walls, ceilings and structural components with ease.

Thermography is the use of an infrared imaging and measurement camera to "see" and "measure" thermal energy emitted from an object. Thermal, or infrared energy, is light that is not vis-

ible because its wavelength is too long to be detected by the human eye; it's the part of the electromagnetic spectrum that we perceive as heat.

Unlike visible light, in the infrared world, everything with a temperature above absolute zero emits heat. Even very cold objects, like ice cubes, emit infrared. The higher the object's temperature, the greater the IR radiation emitted. Infrared allows us to see what our eyes cannot.

Infrared thermography cameras produce images of invisible infrared or "heat" radiation and provide precise non-contact temperature measurement capabilities.

Nearly everything gets hot before it fails, making infrared cameras extremely cost-effective, valuable diagnostic tools in many diverse applications. And as industry strives to improve manufacturing efficiencies, manage energy, improve product quality, and enhance worker safety, new applications for infrared cameras continually emerge.

According to Shawn Rowe, of IR Building Consultants, moisture detection is critical to avoid mold issues, insect intrusion and ultimately expensive repairs. Moisture from disasters such as flooding, hurricanes, and even wind driven rain can remain long after the crisis has passed. For your loss prevention or disaster relief needs, particularly oceanfront homes and communities, please consider our infrared (IR) scanning services.

Have you experienced any of the following?

- mold issues or moisture intrusion
- window leaks
- stucco or foundation cracks (hair-line or bigger)
- roof leaks, mechanical failures
- settlement issues to include cracked floors and doors/windows out of square

If so, IR Building Consultants can test and evaluate your home's systems. They will provide a full detailed report with infrared and digital photos, to include any pertinent Florida Building Code and ASTM standards references.

IR Building Consultants also has special spray racks that test windows for leaks. The spray simulates hurricane-type conditions.

In addition to leak detection and construction defect inspections, Rowe performs four-point insurance inspections and home inspections for real estate transactions.

For additional information contact Rowe at 461-7677 or visit the IR Building Consultants Web site at www.irbuilding-consultants.com.

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