

FLIR ® ThermaCAM B2 Infrared Camera



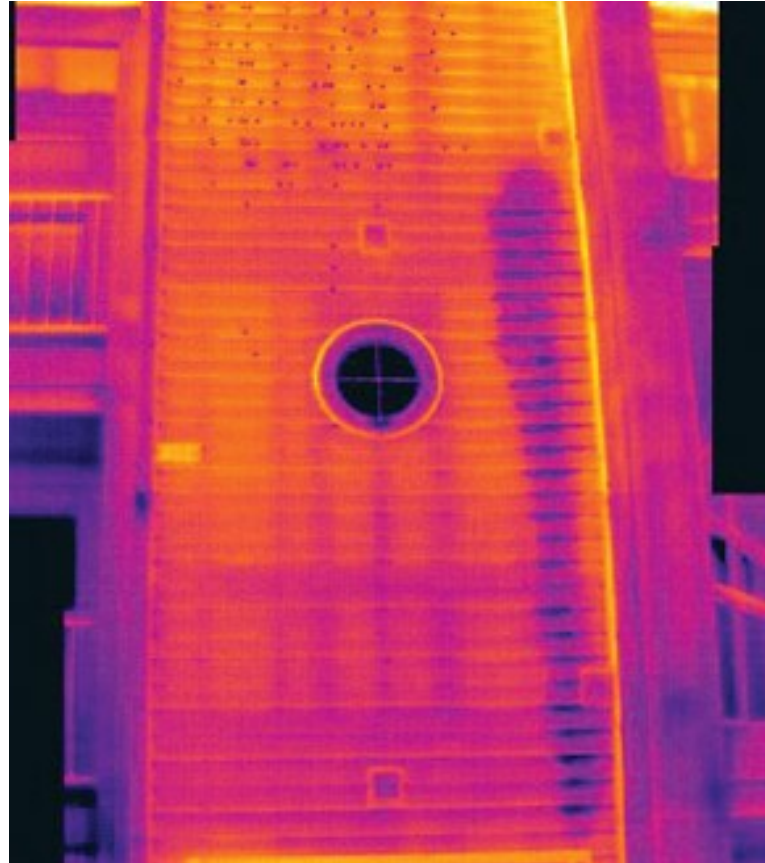
Infrared thermographical inspection is a powerful and non-invasive method of diagnosing water intrusion and excess moisture problems in buildings. Flir ® sets the industry standard with the most technologically advanced thermal imaging cameras on the market today. Derived from technology originally developed for military and law enforcement applications, these cameras are capable of providing cause and origin data for plumbing and building envelope water leakage. Using the various color palette display interface, our trained technicians are able to identify

water and moisture sources which would otherwise be invisible, except by destructive invasive means.

Moisture located within a building, and it's various building materials can destroy the building's structural integrity, and also provide conditions which are ideally conducive to mold and other fungal growth. Using advanced infrared technology, In-Spect is able to distinguish between wet and dry materials by exploiting the thermal characteristics that wet materials exhibit. These characteristics include the facts that wet materials store heat very well, and also warm up and cool down at a slower rate than dry materials of the same type. The first step of a successful mold remediation is to quickly and accurately locate all sources of moisture. By employing thermal imaging technology, In-Spect has the ability to instantly image entire rooms, as well as to conduct inspections on places and areas that cannot be physically inspected using moisture meters or other conventional inspection procedures. Wet conditions can also be revealed behind materials such as enameled walls and wallpaper, which do not readily exhibit signs of water infiltration, and track the water to it's source. The use of thermal imaging equipment sets In-Spect beyond and above other mold remediation contractors in the area, by giving us unparalleled abilities to detect unseen water infiltration by noninvasive means.

THERMAL IMAGING BENEFITS

- See and analyze the problem immediately
- Trace hard-to-find moisture to the source quickly
 - Inspect for problems non-invasively
- Minimize disturbance of building occupants
- Capture and record thermographic images instantly
- Creates easy to understand inspection reports and visuals



The above thermographic image of a 3 story condominium building clearly shows the path of a serious leak, which was caused by washing machine on the third floor. The leak was completely hidden in within the wall, and would have been impossible to detect by conventional non-invasive inspection procedures.



The thermal imager's report generating and image builder software allow our technicians to create easily understood reports, visual aids, and images to aid in waterproofing and moisture prevention measures.