

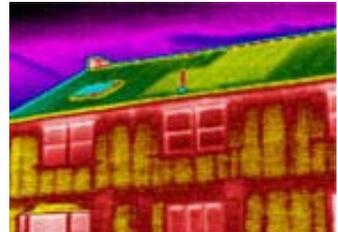
Two Moons Thermal Imaging Services

We see what others can't – finding problems quickly and accurately through the use of today's advanced infrared technology

Roof Scan/Survey

What is roof infrared thermal scan/survey?

Roof surveys will never be the same! Infrared cameras instantly show you what's wet and what's dry. Water leakage is the number one factor that leads to damaged insulation and substrate, corrosion and weakening of metal decks and building structure, even structural collapse and the growth of mold. Infrared cameras can instantly find the ultimate source with little or no physical disassembly of the premises and minimal disturbance of inhabitants. Performing predictive maintenance on low slope roofs can be an expensive undertaking. Infrared roof surveys can help to reduce costs by locating areas in need of repair. Repair instead of replacement can add years to the life of a roof and avoid expensive replacement costs until they are cost effective. IR can also be used to inspect roof decks from inside a building, a highly effective approach when working with metal and ballasted roofing systems, which are difficult or impossible to inspect from above.



Who is it best for

- Residential (apartments, condominiums, dwellings)
- Commercial (office buildings, retail stores)
- Light manufacturing
- Roofing service providers

When the infrared roof scan/survey should be used:

- Prior to Final Acceptance and Payment for a new roofing system.
- Before the warranty expires.
- Before acquiring real estate.
- Before re-roofing over an existing roof assembly.
- For early detection of problems in order to minimize long term repair costs.
- Before preparing your budget request for roof repairs
- Whenever leaks occur.

Here's how infrared benefits you:

- Infrared locates and documents wet insulation and wet areas particularly on flat or low slope roofing systems
- Allows you to find and target your roof problem areas before they get bigger and more costly
- Reduces risks involving new or replacement work
- Guarantees your work has been done properly identifies areas that leak, as well as being just wet
- Wet insulation and a wet roof wastes energy and causes structural problems
- Infrared is a non-destructive inspection method
- Post-inspection surveys verify workmanship quality and validate materials warranties
- Roofing service providers in partnership with Two Moons Thermal Imaging Services can add an additional level of service for a minimal cost, which in turn, can provide a competitive advantage over other companies. For a small cost the service provider can provide a thermal scan as a part of their pre/post service, without having to invest in expensive equipment and training

How much does a roof infrared scan/survey cost?

No two homes/buildings are exactly the same therefore all professional inspections are specific and individualized prices are based upon:

- Age of the building and its size
- Location
- Systems Inspected

In general, scans will cost in the \$65 range for the average home. Commercial properties cost \$250 for the first 2 hours and then is charged a \$75 hourly rate for the actual time involved. Partnering relationships are available at reduced costs.

Who performs the building infrared scan?

Since the technology is advanced and there are so many elements to take into consideration when performing these inspections, it's best to have them done by a trained professional. Tom Mooney, a Level I Thermographer, certified to perform thermographic inspections, interpret results, and generate reports. He is a IICRC certified technician in odor control, water restoration and is certified in Applied Structural Drying (ASD) and Fire & Smoke Restoration. He also holds a State of Michigan Department of Environmental Quality Storm Water Management certification, Tom is a long time developer and builder in the Tawas area with considerable experience in the building construction industry.