



Wood Inspection Services, Inc.

Building Envelope Infrared Survey

For Preventive Maintenance

"Our Pictures are Worth a Thousand Words!"

A Building Envelope Infrared Survey detects and records the thermal performance of the wall and window assemblies. This survey provides information on air infiltration/exfiltration, moisture laden insulation, insulation voids, and moisture within the wall assembly.

Infrared Thermography is an ideal technique for inspecting the thermal envelope of commercial buildings. Normal wear and tear, moisture penetration, corrosion, fatigue, and faulty assembly or installation may lower the insulating capacity of building materials and components. Such breakdowns will cause localized increased temperatures in the building envelope, which can be easily pinpointed, recorded, and measured by the infrared camera.

A Building Envelope Infrared Survey uses non-destructive techniques that cause no disruption to the normal operating routine of your business or employees. Typically all of the external surfaces of a plant or commercial building, including walls, doors, windows and roofs, can be quickly and effectively inspected for defects and integrity losses.

A Building Envelope Infrared Survey can:

- ✦ Locate areas of missing or improperly installed insulation
- ✦ Identify costly air leakage/energy losses
- ✦ Provide hardcopy proof of problems
- ✦ Reduce heating and cooling energy costs

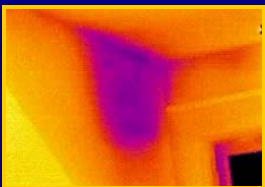
And protect against:

- ✦ Staining of exterior & interior finishes
 - ✦ Deterioration of mortar joists
 - ✦ Spalling of bricks
- ✦ Deterioration/corrosion of brick ties and shelf angles
- ✦ In-Wall condensation reducing insulation effectiveness

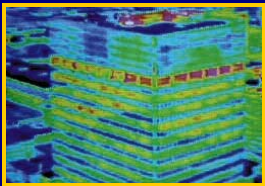
Contact us today for more information!

Wood Inspection Services, Inc.
 165 Highview Dr.
 Double Oak, TX 75077
 (972) 724-5550
www.WeInspectTexas.com

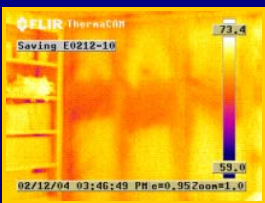
**Thermogam
Images**



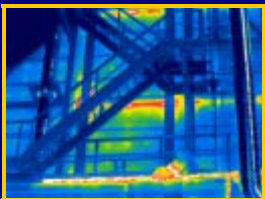
**Moisture
Penetration
In Wall**



**Aerial
Thermogram
Of Building**



**Inconsistent
Insulation**



**Energy
Loss Through
Building
Envelope**