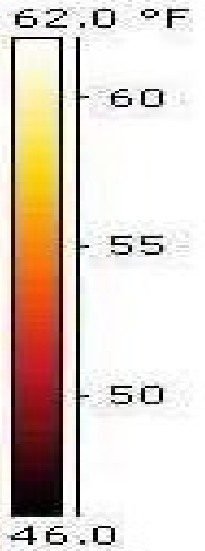
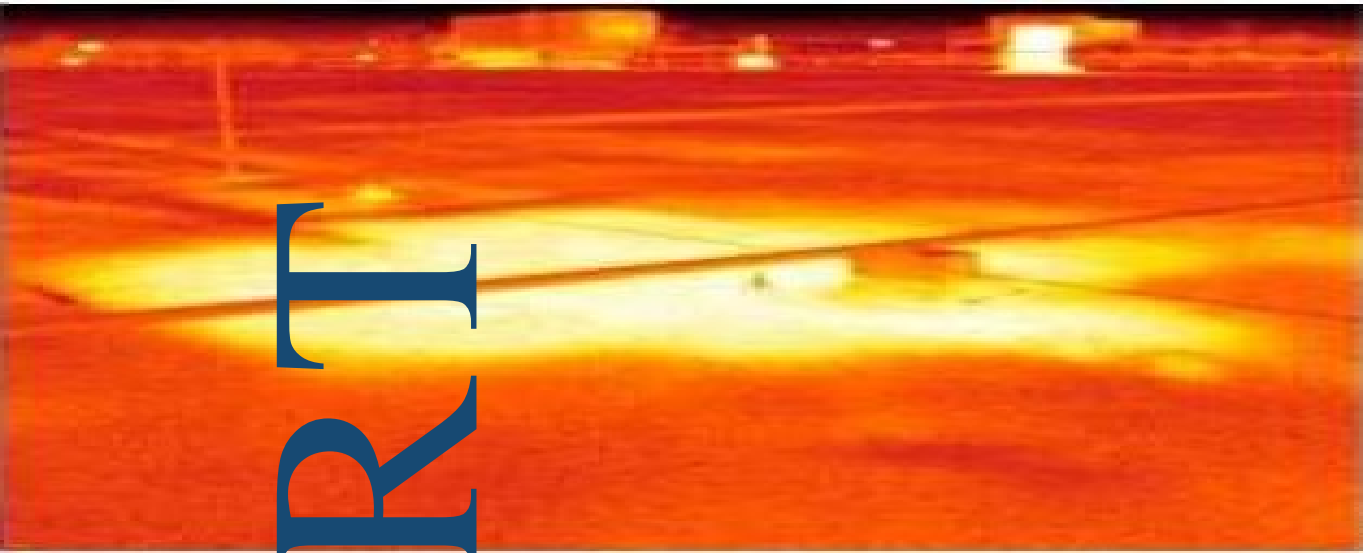


Thermographic Roof Report

REPORT



Report Prepared for:

Avco Industries
22 West Port Drive
Toronto, Ontario



A Subsidiary of Tremco Incorporated

50 Beth Neelson Drive, Toronto, Ontario M4H 1M6 www.weatherproofingtechnologies.ca

02/10/16

General Information



Building Name	Avaco Industries
Building Address	22 West Port Drive
Roofs Scanned:	A and B
Inspection date	Feb 17 2017
Weather Conditions	Sunny 23deg C
Sq.ft of roof scanned	30,000sq.ft
Sq.ft of moisture found	500sq.ft
Total Number of moistures areas found	1

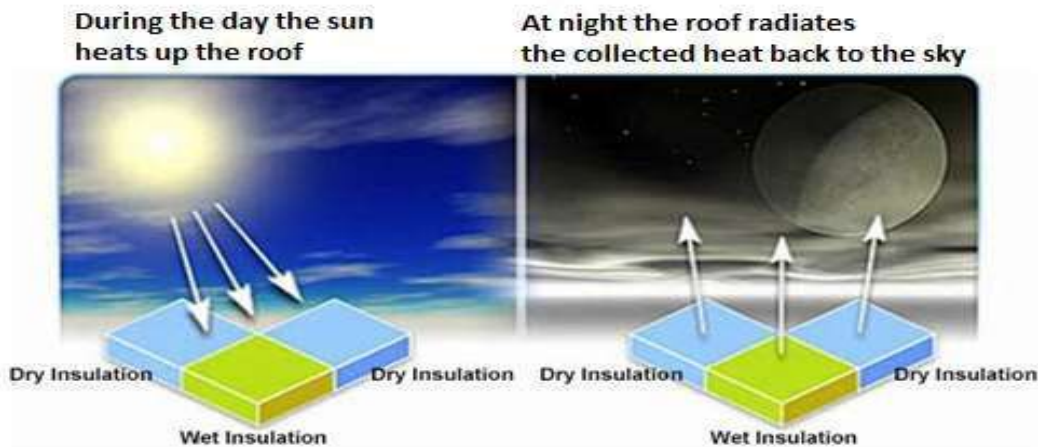


Thermographic Roof Report

Introduction

An *Infrared Roof Analysis* was performed to detect subsurface moisture damage in the roofing systems. Below is a brief explanation of the science behind it...

During the day the sun heats up the roof; at night it cools off. During this cooling cycle; moisture damaged areas of the roof system cool slower than adjacent dry roofing materials. It's this dynamic thermal variation that allows our technicians to image and delineate thermally suspect areas for subsequent physical verification.



The entire area of the designated roof systems was scanned using a Flir Infrared Thermal Imaging System.



Thermographic Roof Report



The results of the Infrared survey were physically verified with the use of a Delmhorst moisture meter and the locations of the wet areas were marked on the roof surface with marking paint.

All thermograms and subsequent daytime photos were taken of moisture laden areas within the roof system and are displayed in the report. The sample photos clearly illustrate the accuracy of the infrared camera when moisture is present in the roof system.



The bright area in the thermogram clearly defines the area of moisture in the roof system. These types of areas are mapped onto a roof plan for future reference and are part of the report



Thermographic Roof Report

Analytical Data- Roofs

Roof Name	Sq.ft	Sq.ft of moisture found	% of roof area
A	14,000	500	3.5

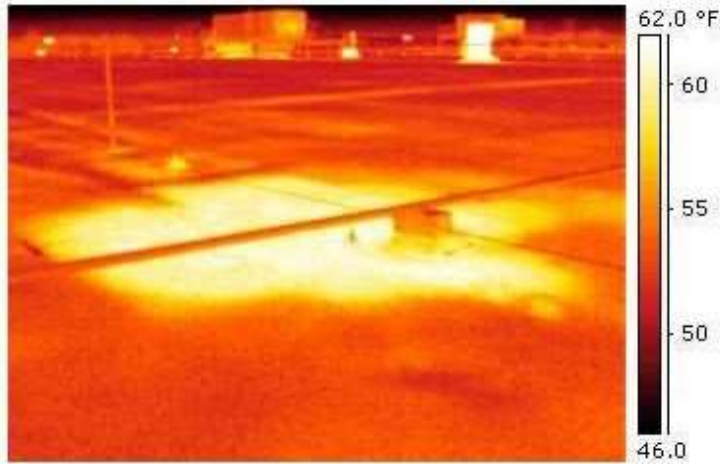
Analytic Data- Anomalies

Roof Name	Anomaly	Sq.ft	Moisture Level
A	#1	500	Wet Insulation



Thermographic Roof Report

Photos

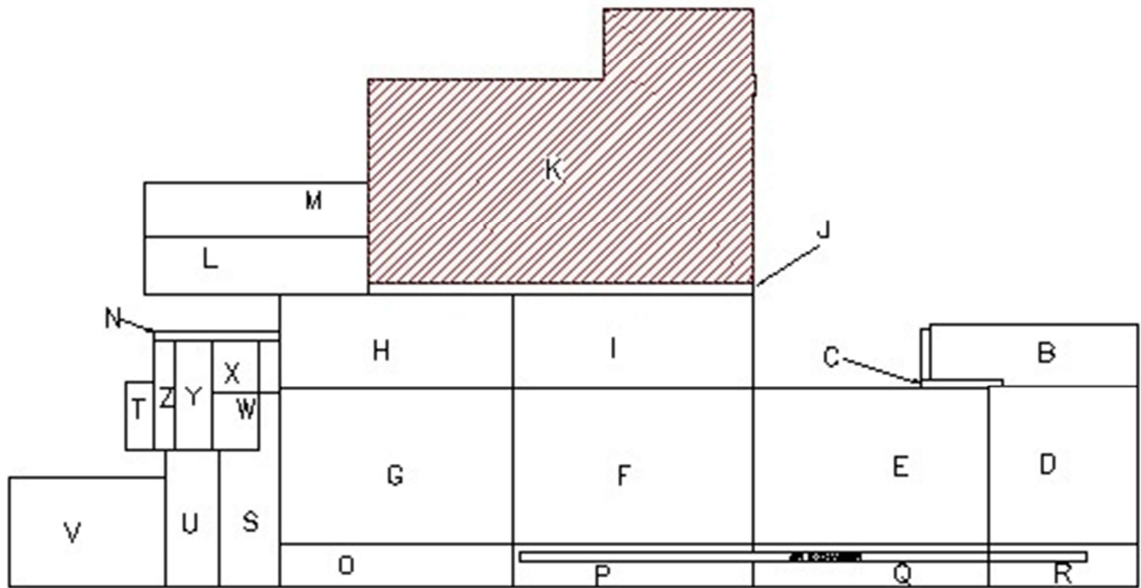


Thermogram #1 Roof A



Daytime Photo of Thermogram #1





- DOOR
- WALL
- ROOF
- ▨ WALL CL.
- ▨ ROOF H.
- ▨ WALL CL.
- ▨ VENT H.
- PLUMB

- ⊕ DRAIN
- GAS
- COND.
- ⊕ LACED
- ⊕ ANTR.

Date:



Client:
CERTAIN

Address:
2424 L
MISSISS

Drawn by:

Date: 6/27