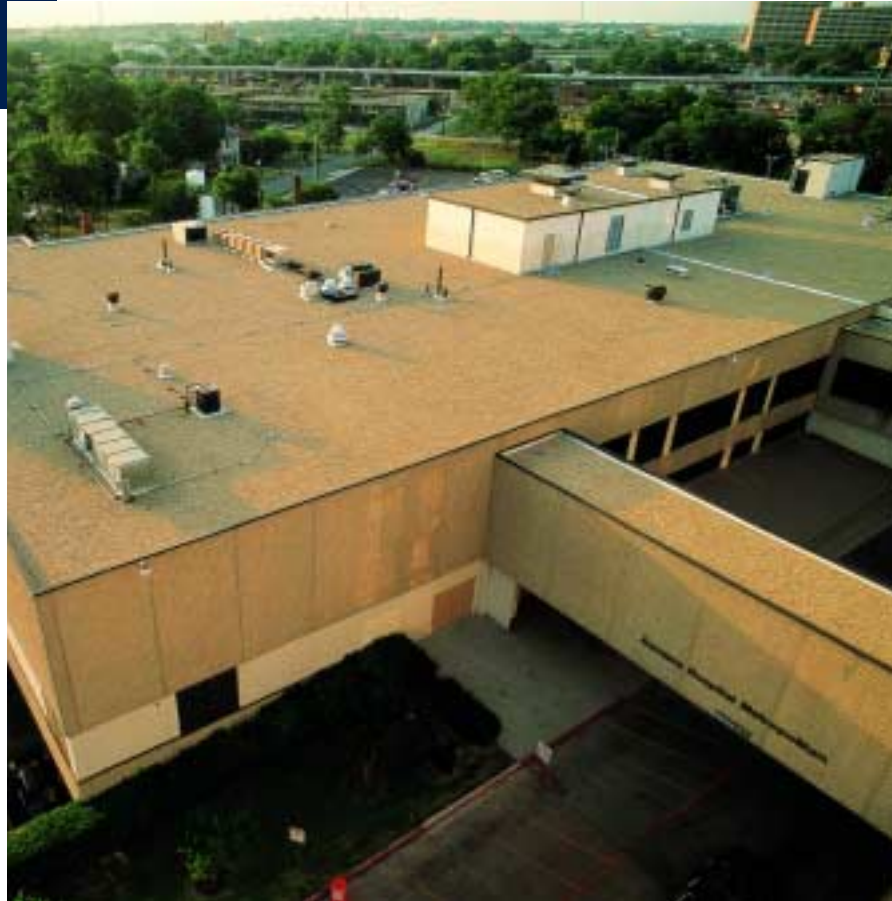


JUSTIFY ROOF DECISIONS. KNOW YOUR OPTIONS.

TRACE® & ACT® ROOF CORE ANALYSIS & ASBESTOS TESTING

Weatherproofing Technologies, Inc. (WTI), the service division of Tremco Incorporated, offers a full range of sophisticated analytical, maintenance and information-based services with one simple goal—to maximize the life of your roof and protect the value of your building.



Before you can make the right roofing decision, you have to know what's right for *your* particular roof. And that means you have to get technical about its current condition—its membrane, tensile strength and bitumen—because these technicalities can make a drastic difference in the cost of any planned roof work.

KNOW YOUR REAL ROOFING OPTIONS

TRACE® (Tremco Roof Analysis Core Evaluation) provides rigorous laboratory data on the construction, composition and condition of any built-up roofing system. Using ASTM testing methods, our experienced lab technicians perform 14 tests at our NVLAP (National Voluntary Laboratory Accreditation Program) accredited research center that reveal all the important facts about your roof.

TRACE automatically includes a Tremco ACT® (Asbestos Core Testing). If asbestos detection is your only concern, ACT is available as a separate analysis.

JUSTIFY ROOF DECISIONS. KNOW YOUR OPTIONS.

TRACE® & ACT® ROOF CORE ANALYSIS & ASBESTOS TESTING

TRACE INCLUDES THESE ANALYSES:

- Tensile strength of roofing membranes
- Machine direction
- Cross-machine direction
- Bitumen analysis of both interply and surfacing
 - Type
 - Quantity
- Softening point
- Penetration
- Felts
 - Type
 - Quantity

TRACE AND ACT GIVE YOU THE FACTS TO:

- Justify the need and cost of roofing decisions
- Help determine if your roof is a candidate for restoration or replacement
- Verify the causes of premature roof failure, such as improper installation
- Explain roof performance to date, whether it is poor, satisfactory or superior
- Implement a quality control measure for new roof installation to ensure proper performance
- Accurately identify the presence and quantity of asbestos

With a TRACE laboratory analysis you receive the facts to help determine your roof's construction and condition, which are needed to decide the proper course of action.

Core Size	ASTM D 2829-95
Estimated Weight of Membrane	ASTM D 2829-95
Surfacing Bitumen Weight	TRC 875
Interply Bitumen Weight	ASTM D 2829-95
Surfacing Bitumen Type	Solvent Test
Interply Bitumen Type	Solvent Test
Penetration of Surface Bitumen (@77°F)	ASTM D 5-95
Penetration of Interply Bitumen below 1st ply (@77°F)	ASTM D 5-95
Softening Point of Surface Bitumen	ASTM D 3461-85 (1994)
Softening Point of Interply Bitumen	ASTM D 3461-85 (1994)
Ply Type	ASTM D 2829-95 & NVLAP Test Method Code 18/A01
Number of Plies	ASTM D 2829-95
Tensile Strength, Machine Direction (@ 0°F, 0.05 inches/min)	ASTM D 2523-7 (1995)
Tensile Strength, Cross Machine Direction (@ 0°F, 0.05 inches/min)	ASTM D 2523-7 (1995)
Asbestos Core Test (ACT)	NVLAP Test Method Code 18/A01

ASBESTOS TESTING: THE WTI DIFFERENCE



Most laboratories conduct a quick "muffle furnace test" which will not guarantee the results if the tests register negative. At WTI, we use a 6-8 hour solvent reduction process to remove bitumens. This leaves behind ply carriers (in near original form), the mastics and other residues, which can then be individually analyzed to positively identify any asbestos fibers. Following the EPA test method for Determination of Asbestos in Bulk Building Materials, ACT accurately reports the exact percentage and type of asbestos found in each layer as well as in the adhesive or mastic.



An RPM Company

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WEATHERPROOFING TECHNOLOGIES, INC.
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