

## Technical Bulletin\_E

### RE: Moisture Survey Analysis Requirements - Uniflex Warranty Program

Moisture Survey must be performed within the guidelines of the Standard Practices for Moisture Surveying of Roofing and Waterproofing Systems by a person qualified and certified to provide proper interpretation of non- destructive moisture Survey data, requires knowledge of infrared theory, moisture migration, heat transfer, environmental effects, and roof construction as they apply to roof moisture analysis.

A Moisture Survey is required for all L&M warranties. The following are Uniflex standards related to Moisture Survey requirements.

1. 10- & 15-year warranties; Contractor shall retain a copy of their Moisture Survey analysis report on file for the warranty period and provide to Uniflex upon request.
2. For 20-year terms; contractor must submit a copy of their 3rd Party Moisture Survey analysis report with their warranty submittal request. As a reference for Moisture Survey analysis report, reports must be conducted per C1153, ASTM D7954, D7954M – 15A, TAS 126-95 by a person certified to conduct such test.
3. Provide Moisture Survey analysis reports in accordance with the following industry standards, C1153,ASTM D7954, D7954M, – 15A and TAS 126-95 guidelines
4. The following roof assemblies require require a mandatory Third Party. [LWSC, LWIC and Existing SPF]. All gravel/ ballasted surfaced BUR requires a Nuclear Scan Analysis report.
5. Evidence of Approved and Calibrated Moisture detection equip must be provided upon request by Uniflex.
6. FLIR Level II certification is required for all Infrared Thermography submittals must be provided upon request by Uniflex.
7. All field data collected from non-destructive moisture testing is relative and must be quantified by core cuts. Additional core cut requirements may be requested by manufacturer.
8. Some Moisture Survey practices are not appropriate for all combinations of materials used in roofing and waterproofing systems. Please consult with Uniflex to ensure the intended Survey meets Uniflex standard requirements.

Excess moisture trapped in roofing or waterproofing systems can adversely affect performance and lead to premature failure of roofing or waterproofing systems and its components.

These practices alone do not determine the cause of moisture infiltration into roofing or waterproofing systems; however, it can be used to help tracing excess moisture to the point of ingress. All field data collected from non- destructive moisture testing is relative and must be quantified by core cuts. Additional core cut requirements may be requested by manufacturer. Some Moisture Survey practices are not appropriate for all combinations of materials used in roofing and waterproofing systems. The need for Moisture Surveys are consistent with market competitor requirements, published guidelines and best roofing practices.

Regards,

Uniflex Technical Department