

Roofing and Waterproofing Consulting



Roofing and Waterproofing Consulting

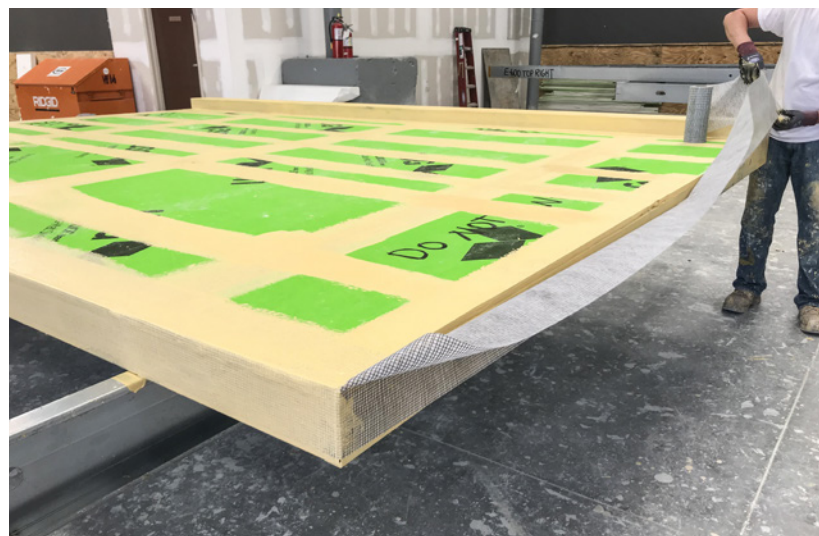
Walter P Moore diagnoses problems of all sizes for roofing, plaza, exterior wall, and below-grade waterproofing systems, as well as provides roofing/waterproofing consulting for new construction. Our extensive project experience includes the assessment, failure analysis, and design of modern and historical roofing, waterproofing, air barrier, weather barrier, vapor barrier and damproofing systems. Our staff includes licensed Professional Engineers, Registered Architects, Registered Waterproofing Consultants, Registered Roof Consultants, Registered Roof Observers, and Certified Infrared Thermographers to bring the right knowledge and expertise to your project.

Stopping the Saturation

Water infiltration from a failed or poorly installed roofing, wall, or below-grade system leads to irreversible damage to structural members. Walter P Moore provides independent, unbiased review of roofing and waterproofing systems through design and construction phases on behalf of owners, architects, and builders. Our licensed professionals assess enclosure problems to determine the causes and identify solutions. After comparing factors to find the best value, we design the repair, create construction documents, and perform construction administration. Our extensive knowledge of waterproofing and roofing products also allows us to perform in-situ testing during construction. We make water go where we want it to—where it is designed to go.

Our diverse scope of services help answer commonly asked questions:

- Do we need to replace our roofing, waterproofing, or plaza system now? Or can we wait another 5 years?
- What is the source of the leak?
- Has moisture infiltration led to the deterioration and section loss of a structural member?
- How will the existing construction materials interact with new waterproofing materials?
- What roofing/waterproofing system provides the best value?
- What assurance do I have that my new roofing/waterproofing system was properly installed?





Roofing Services

- New re-roofing system design
- Roofing/drainage assessment
- Water leakage investigations
- Water testing of membranes/flashings
- Infrared thermography/moisture survey
- Roof plans/transition details/specifications
- Green/cool roof design/LEED recommendations
- Roofing observation/construction administration
- Third-party design review/BECx

Waterproofing Services

- Below-grade and basement leak evaluation
- Plaza waterproofing system assessments
- Waterproofing membrane selection/design
- Water vapor/system condensation studies
- Slab-on-grade/flooring moisture analysis
- High-performance coating/membrane selection
- Coating adhesion bond testing
- Air/weather-resistive barrier membrane systems
- Third-party design review/BECx

Who We Are

Walter P Moore is an international company of engineers, architects, innovators, and creative people who solve some of the world's most complex structural and infrastructure challenges. Providing structural, diagnostics, civil, traffic, parking, transportation, enclosure, and construction engineering services, we design solutions that are cost- and resource-efficient, forward-thinking, and help support and shape communities worldwide. Founded in 1931 and headquartered in Houston, Texas, Walter P Moore's 600+ professionals work across 20 U.S. offices and five international locations.