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SPRI Announces Release of Updated ADT-1 Test Standard

Waltham, MA, October 14, 2024 – SPRI announces the approval of the latest version of the test standard "ANSI/SPRI/FM ADT-1: Test Standard for Evaluation of Roofing Adhesive and Board Stock in Tensile Loading for Low Slope Roofing Systems." This standard is a crucial resource for roof system manufacturers, component manufacturers, accreditation bodies, certification services, roofing contractors, and owners of low slope roofing systems.

The updated standard outlines essential procedures and requirements to accurately evaluate the tensile resistance and failure loads of adhesives and board stock. By identifying the weakest combinations, it allows for more efficient wind uplift testing processes. It defines key terms and conditions and offers detailed guidelines on testing tools like tensile testers and the 6x6 test jig.

Safety is emphasized, with protocols for using safety gear during specimen preparation due to the destructive nature of the tests. The standard thoroughly details the creation, securing, and testing of specimens, alongside the documentation of manufacturer details, equipment, and fail data.

Though current precision and bias data are limited, ongoing usage will enhance future versions, strengthening this standard's role in optimizing roofing system performance against forces like wind uplift.

Nick Eschhofen, Co-Chair of the task force, noted, "The 6"x6" tensile test, or 'adhesive delamination test,' has long been employed to compare various adhesives and substrates within the roofing industry. There was a clear need to standardize testing methods across laboratories and manufacturers, and the SPRI ADT-1 task force has accomplished that by establishing a unified ANSI/SPRI/FM standard.

I extend my sincere gratitude to all SPRI members and industry colleagues who participated in this task force and continue to elevate the roofing industry.”

This updated standard will contribute significantly to the reliability and safety of roofing systems, driving advancements within the industry for the betterment of all stakeholders involved.

SPRI is the leading authority on single-ply roofing, dealing exclusively with thermoset, thermoplastic, and modified bitumen roofing systems, and materials. Through an open forum for discussion, education and innovation, our dedicated commercial roofing industry experts provide ongoing resources and expertise to contractors, architects and building owners. For additional information, please visit www.SPRI.org, send email to info@spri.org, or call 781.647.7026.

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