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MIDDLETOWN, CT- With the recent adoption of ASTM D7311-07: “Standard Specification for Liquid Applied, Single Pack, Moisture-Triggered Aliphatic Polyurethane Roofing Membranes”, moisture-triggered polyurethanes have been recognized as being in a class of their own vs. their moisture-cured counterparts. A “moisture triggered” polyurethane uses moisture from the atmosphere to trigger the curing process, while a “moisture cured” polyurethane is moisture sensitive, and its curing process is dependent upon environmental factors. Decothane, manufactured by Liquid Plastics Inc., is a single component, cold liquid applied roofing membrane, and the only moisture-triggered polyurethane known to meet the new standard.

Liquid Plastics Inc., located in Middletown CT, is a member of the Iotech Group and a sister company to Liquid Plastics Ltd. of Lancashire, England. LPI is a manufacturer of high performance weatherproofing systems that combine all the inherent advantages of cold, fluid applied roofing with the additional benefits of polymer-based technology. Decothane offers one of the most advanced and cost effective solutions available, out-lasting and outperforming traditional counterparts.

Cured Decothane is a perfectly seamless, elastomeric, fully bonded material, able to endure thermal and structural movement without cracking or flaking. The durable surface can withstand traffic and damage caused by UV exposure and airborne pollutants. A Decothane roofing membrane system never needs replacement, only periodic maintenance. Decothane can be applied over numerous substrates, on both new and existing roofs, in a wide range of temperatures.

Frank Dippolito, National Sales Manager, LPI, has been working with Bob Stanfield, Technical Director, Liquid Plastics Ltd, since 2005 to have ASTM recognize this significant difference. According to Mr. Dippolito, “the adoption of ASTM D7311 is an important step toward legitimizing fluid-applied roofing and waterproofing membranes as viable low-slope roofing solutions. The standard distinguishes these technologies from their roof coating counterparts, which are not generally recognized as effective, long-term, primary weather barriers. Being recognized by such an independent body as ASTM brings validity to the story Liquid Plastics has been working hard to convey to the U.S. market since 1991, and brings us another step closer to becoming mainstream in the U.S. roofing materials market.”

In addition to roofing membranes, Liquid Plastics Inc. manufactures an extensive range of technologically advanced membranes for balconies, walls and hygiene control. These membrane systems offer high performance structural waterproofing at the most advanced levels of reliability.

ASTM International, formerly known as the American Society for Testing and Materials, is the world leader in development for technical standards of materials, products, systems and services. A copy of the D7311-07 standard can be purchased through ASTM customer service at 610-832-9585, or www.astm.org.

