

## NEWS RELEASE

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FOR IMMEDIATE RELEASE

## Perma-Liner Industries Broadens Offerings to Include New Extreme Cold 4:1 Resin

Leading manufacturer and supplier of trenchless pipeline rehabilitation equipment and materials launches extreme cold 4:1 resin beginning September 2021, enhancing its all-inclusive customer service experience

ELK GROVE VILLAGE, IL., September 10, 2021 – Waterline Renewal Technologies, a portfolio company of Behrman Capital, announces [Perma-Liner Industries](#) now offers an [extreme cold 4:1 resin](#) that provides its customers with a lower viscosity product when used in colder temperatures and more stability during transportation. The new 4:1 mixture is a styrene-free epoxy resin used for mainlines, laterals, and verticals in extremely cold conditions.

The Perma-Liner Industries Clearwater headquarters and all distribution centers will stock and supply the new extreme cold 4:1 resin to its customers in North America. The resin will come in 40-pound buckets consisting of A resin and B hardener sold separately. Additional product features include 15-minute pot life, 30-minute work time in 50 degrees to below 30 degrees, cure times ranging from 1.5 to 4 hours, and meets and exceeds ASTM F1216 standards.

“The addition of the 4:1 extreme cold resin now rounds out our resin portfolio, providing our customers one-stop for all their trenchless needs,” states Chris Duda, vice president of sales and marketing for Waterline Renewal Technologies. “The extreme cold 4:1 resin is just one of many ways we are providing trenchless solutions for our customers and helping them to grow their business.”

Perma-Liner Industries offers 12 different resins for all types of rehabilitation projects that are eco-friendly, compatible with its products and provides minimal shrinkage for maximum adherence to the host pipe. The resin portfolio consists of 100% solids epoxy resins that are used for standard lateral lining in ambient and heat-assist options, CIPP industry-standard resins, and specialty resins for specialized projects in industrial and environmentally sensitive regions.

Waterline Renewal Technologies and its portfolio of brands is a leading provider of engineered products used in trenchless repair and rehabilitation of wastewater/stormwater infrastructure for [municipal](#), [commercial/industrial](#) and [residential](#) applications, and provides a diverse range of products and



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services through its brands APM, LMK Technologies, Perma-Liner Industries, and LightRay. For more information, please visit [waterlinerenewal.com](http://waterlinerenewal.com).

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**About APM:**

Since 1975, [APM](#) has produced high-quality products for sewer line repair and seamless manhole concrete pipe restoration. It is the foremost provider of spray-on coatings, manhole and larger diameter pipe rehabilitation solutions and anti-bacterial agents for corrosion prevention. The Permaform® system and resourceful solutions make it easy to replace manhole concrete pipes without excavating and negatively affecting the area's structural integrity.

**About LMK Technologies:**

[LMK Technologies](#) is the leading provider for the municipal market that manufactures CIPP technologies compliant with applicable ASTM standards, industry-leading products and proprietary fabricated equipment. Since 1993 LMK Technologies has provided all the training and equipment necessary for the successful installation of its products.

**About Perma-Liner Industries:**

[Perma-Liner Industries \(PLI\)](#) is the leading manufacturer and supplier of [trenchless pipeline rehabilitation](#) equipment and materials in North America, focused on the residential market. Since 1999, PLI has developed systems to rehabilitate existing sewer systems without excavation. PLI offers customizable Pull-In-Place™ and Inversion Lateral packages from basic to turn-key and ambient cures to heat assist cure.

**About LightRay:**

[LightRay](#) manufactures state-of-the-art UV technology for the CIPP industry. This cutting-edge solution offers new opportunities for plumbers and contractors by significantly reducing the time and resources needed on the job site. Lowering both risk and cost with fast and high-quality results, LightRay ushers the trenchless industry into the 21st century.

