

The City of Syracuse Embarks on Major Infrastructure Project with KLAW Industries and Riccelli-Northern to Grow Glass End Market

KLAW Industries grows their footprint and begins projects with the City of Syracuse and Riccelli-Northern to bring infrastructure upgrades and recycling solutions to New York.

FOR IMMEDIATE RELEASE

SYRACUSE, N.Y., July 31, 2024 - The City of Syracuse in New York has recently adopted an innovative approach to infrastructure by using recovered Materials Recovery Facility (MRF) glass as a cement replacement in concrete. This initiative aims to create high-performance, low-carbon infrastructure and is a collaborative effort with KLAW Industries and Riccelli-Northern.

The growing end market for MRF glass in the concrete industry has gained significant traction over the past two years as new processing technologies to solve recyclers' long-standing glass problems have entered the market. Simultaneously, concrete's carbon footprint has driven national efforts to innovate and reduce its environmental impact. Concrete, primarily composed of carbon-intensive cement, significantly contributes to global carbon emissions. However, the City of Syracuse's new initiative exemplifies a practical and economical approach to mitigate these effects.

KLAW Industries, a growing company in New York, utilizes a patented process to remove contamination from MRF glass and turn it into a fine powder that can replace a portion of the cement in concrete mixtures. In Syracuse's recent projects, glass replaced 20% of the cement, reducing the carbon footprint, enhancing the concrete's performance, and building a strong end market for glass.

This initiative follows the successful adoption of the technology by the City of Binghamton and the New York State Department of Transportation. Supported by the EPA since 2021, this technology has expanded rapidly due to robust local partnerships. Syracuse's projects represent the third major deployment of this technology in New York, highlighting the practical benefits of low-carbon materials in local construction.

The partnership, spearheaded by Riccelli-Northern, Michael McConnell Concrete, and the City, has already delivered low-carbon, ADA-compliant sidewalks containing recovered MRF glass across Syracuse without additional costs. Riccelli-Northern, a leading advocate for next-generation concrete, aspires to be the primary supplier of these sustainable materials within New York, setting a precedent for future infrastructure projects.

The collaboration between KLAW Industries and Riccelli-Northern serves as a model for other municipalities, recyclers, and commercial enterprises seeking long-term solutions to MRF glass.

"These projects are proof of Syracuse's commitment to supporting New York-based companies and deploying cost-effective, sustainable materials. We're excited to expand our operations throughout the state in partnership with Riccelli-Northern," said Jacob Kumpon, Chief Operating Officer of KLAW Industries.

As the City continues to implement these innovative practices, Syracuse is poised to become a leader in sustainable urban development, offering a template for other cities to follow in the search for long-term infrastructure solutions. This initiative addresses the immediate challenges posed by traditional concrete and paves the way for a more sustainable future in urban construction.

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About Riccelli-Northern

Riccelli-Northern is the leading ready-mix concrete supplier in Central New York. They are an American owned and operated company that is proud to deliver American products on American soil with the help of American workers. Consisting of 50 locations, they provide transportation, ready-mix, aggregates, and blacktop delivered to precise architectural specifications throughout the Northeast with an acknowledged reputation for premium products and quality service. For more information, visit: <https://riccelli-northern.com/>.

About KLaw Industries

KLaw Industries is a tech-driven glass recycling company radicalizing the market by diverting waste glass away from landfills by developing their high-performance, low-carbon concrete product Pantheon™. Founded at the Koffman Southern Tier Incubator by Binghamton locals Jacob Kumpon and Jack Lamuraglia, KLaw has raised over \$2 million in funding and operates a production facility in Binghamton to produce their product. For more information, visit: <https://klawindustries.com/>.

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