

Reference

PLEXIGLAS®

PLEXIGLAS® Used To Artistically Transform Classic New York City Water Tower



Market segment

Industrial Construction & Architecture,
Roof & Facade

Location

New York City

Fabricator

Tom Fruin

Selection criteria

- diverse combinations of color, texture and shape
- easy to work with (cut individual pieces with a CNC router and then sandwiched the PLEXIGLAS® between two pieces of steel.)

Description of the application

Brooklyn-based artist Tom Fruin, internationally recognized for creatively turning recycled material into art, used Evonik's PLEXIGLAS® to transform a traditional New York City water tower by replacing the mundane wooden panels with colorful acrylic sheets that are illuminated at night.



The modern patchwork exploration of color and light, named WATERTOWER 3: RV Ingersoll, has debuted atop Brooklyn Bridge Park headquarters and is named for a nearby city public housing complex.

Fruin's latest reinterpretation of the New York City rooftop water tank, which is part of his internationally-celebrated sculptural series created from repurposed materials, features more than 1,000 pieces of PLEXIGLAS® acrylic sheet. The acrylic is attached to the composition's steel frame and is the first of his installations to be constructed solely of PLEXIGLAS®.

Fruin has enlisted the services of New York City-based Lumi·Solair to create an off-the-grid renewable energy source for nighttime interior lighting. Solar batteries absorb energy during the day and expel it at night, powering six floor fixtures and one pendant driven by a programmable board running a synchronized script of cues.

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