SEAWALL REPAIR NETWORK

Case Study

Repairing an Aging Seawall in New York

Hurricane Sandy was devastating for much of the Northeast United States. Many waterfront property owners are still recovering, and their seawalls, bulkheads, and revetments are still in need of repair and remediation. The need for innovation and effective solutions has never been greater. Seawall Repair Network® contractor LJS Waterproofing answered the call recently and deployed to Long Beach, New York to save a waterfront property from further damage. The Long Beach property was in danger due to an aging seawall that had begun to move, shift, and become damaged.



Repair Materials

The crew applied the Seawall Repair Network®'s proprietary SW-RP1 repair material to stabilize the surrounding soil and stop the leaks.

SW-RP1 Uncured (Appearance brown liquid)		
Viscosity at 77°F (25°C)	(ASTM D4878-98)	± 215 cP (± 215 mPa.s)
Density	(ASTM D3505-96 [2000])	± 70.92 lbs/ft³ (± 1.12 kg/dm³)

SW-RP1 Accelerator, Accelerator for SW-RP1 (Appearance: yellow - orange liquid)		
Viscosity at 77°F (25°C)	(ASTM D4878-98)	± 75 cP (± 75 mPa.s)
Flash point	(ASTM D1310-86)	313°F (156°C)
Density	(ASTM D3505-96 [2000])	± 65.5 lbs/ft³ (± 1.05 kg/dm³)

Procedures

The LJS crew used Seawall Repair Network®'s patent-pending process and installation techniques to completely stabilize the seawall, and to preserve its concrete and steel components.

Results

Upon completion of the Long Beach, New York project the customer stated, "This turned out so much better than expected. I will certainly refer you to my neighbors and friends."

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