

## "Little Island" Pier 55 Renovation

### Hycrete Waterproofs Pier 55 Park Renovation on Hudson River



#### HYCRETE ENDURE WP PROVIDES LONG-TERM CONCRETE PROTECTION

<b>Structure:</b> Pier 55 Park	
<b>Applications:</b> Deck Slabs, Utility Room Structure	
<b>Owner:</b> Hudson River Park Trust	<b>Architect:</b> Standard Architects
<b>General Contractor:</b> Hunter Roberts	<b>Engineer:</b> Arup
<b>Contractor:</b> Ruttura Sons	<b>Ready Mix Provider:</b> Ferrara

#### Introduction

Little Island on Pier 55 is a new public park located on the Hudson River near 14th street in downtown Manhattan. The park includes lush green spaces, walking paths, open lawns, 687-seat amphitheater, and incredible views of New York City.

#### Challenge

Due to the extensive damage caused by Hurricane Sandy, the pier was decommissioned and required significant repairs. Billionaire Barry Diller worked with the Hudson River Park Trust to transform the former pier into an immersive two-acre park that features unique concrete pads in the shape of flower petals that extend from the Hudson River to provide support for the park's green space.

“

Working with Hycrete is always a huge benefit to the overall project schedule. It eliminates days and days of another subcontractor physically applying waterproofing and holding us up with finishing the foundation earlier.

”

- Thomas Geraci, Ruttura & Sons Construction Co.





Pier 55 "Little Island" features lush green space, soft rolling hills, winding pathways, and spectacular views. The park has regular programming which includes music, dance, theater, poetry, comedy and arts workshops for locals and tourists alike.

## Solution

Hycrete360 (formerly System W) offered superior performance in comparison to other waterproofing systems. Hycrete360 was cost-effective and accelerated the construction schedule. Using Hycrete eliminated the need for waterproofing membranes and saved the contractor a significant amount of time and money. Hycrete was also selected to protect the project from the Hudson River's rough brackish water. Hycrete's waterproofing and anti-corrosion admixtures' dual-action protection made it the perfect choice to protect the park's most critical areas from the detrimental effects of freeze-thaw and chloride ingress.

## Result

Hycrete was able to shave weeks off the construction schedule, in turn saving them money. Included was a 10-year performance-based no questions asked warranty. Nearly 1000 yards of Hycrete treated concrete was used in the project. Benefits include; no additional labor required, disruptive maintenance and down-time avoided, and no need to reapply coatings every few years. The park opened to the public in the Spring of 2021.



[CLICK HERE TO WATCH A VIDEO ON THE DESIGN AND CONSTRUCTION](#)