

The High Line

Diller Scofidio + Renfro

Non-Slip Stairs Integrated into the High Line Park in New York City

Project: The High Line

Location: New York, NY

Industry: Recreation

Website: www.thehighline.org

The High Line, located on Manhattan's West Side, is a newly renovated 1.5 mile long park that stretches from Gansevoort Street in the Meatpacking District to 34th Street. Constructed in the 1930's, the original intent of the High Line was to lift dangerous freight trains off of Manhattan streets. The abandoned elevated railroad has since been transformed into a fully functional, state of the art park, built with safety in mind.

The Situation:

Access points to the High Line are located at street level every two to three blocks. Heavy pedestrian usage for this popular park made safety a priority. To prevent the risk of slips, trips and falls, all of these access points required non-slip stairs, landings and walkways. Heavy pedestrian usage and weather elements were important considerations when choosing a material to incorporate. Other important aspects to the designers included corrosion resistance, longevity, low maintenance and a high coefficient of friction; wet or dry.



SlipNOT® Project Summary

- Manufactured slip resistant stainless steel stair treads with perforated risers, walkways and landings, customized and fabricated to architectural specifications, creating a unique and safe application.

Project Team

- **Architectural Firm:**

Diller Scofidio + Renfro

Project Designer: Matthew Johnson

- **Lead/Landscape Architectural Firm:**

Field Operations

Lead Project Designers: Lisa Tziona Switkin and Nahyun Hwang

Once all aspects and sections of The High Line are completed, it will be a one and a half mile long elevated park consisting of eco-friendly and safety materials.

The Solution:

After several years and numerous proposals, architects worked closely with the general contractor and metal fabricator to determine what material should be used for the non-slip stairs at the access points to the elevated park. After many contending options, **SlipNOT®** Metal Safety Flooring stood out from the rest and was specified by Diller Scofidio + Renfro for the anti-skid stairs due to the extreme slip resistance in every direction, corrosion and chemical resistance, adaptability, aesthetics, and durability. **SlipNOT®**'s ADA compliant, non-slip stairs will help ensure safety and accessibility for pedestrians.

SlipNOT® Metal Safety Flooring was contacted by the metal fabricator to incorporate the non-slip stairs into the overall greater project. The metal fabricator and **SlipNOT®** closely worked together for the Chelsea Street Market stairs, Southern Spur Entrance, 14th Street Landing and the Gansevoort Stair access points, following the specifications determined by Diller Scofidio + Renfro.

In order to create aesthetically pleasing yet safe non-slip stairs, 1/4" stainless steel stair treads were customized to detailed specifications.

The specifications called for a solid non-slip surface for the tread and nosing portion, but the riser needed to consist of a perforated pattern to allow for drainage and translucence. The stairs were formed and fabricated to size then coated with the **SlipNOT®** slip resistant stainless steel surface.

The Impact:

Although the non-slip stairs are only one aspect of the one and a half mile long renovation, they provide safety and reliability for all residents and visitors entering the park. To provide public safety, the architect focused on minute details such as the non-slip stairs and landings that seem to have made the greatest impact on the overall transformation. The non-slip stairs indicate a subtle shift from the busy street level below to the quiet, raised setting on the High Line. The customer was pleased with the results and **SlipNOT®** continues to provide non-slip solutions for new areas of the ongoing project.

For more information please visit: <http://www.thehighline.org/about/park-information>



Pictures are referenced from the official High Line website and can be viewed at <http://www.thehighline.org/galleries/images/tags/stairs>.

www.slipnot.com | info@slipnot.com

SlipNOT® Metal Safety Flooring products may be covered by one or more of the following patents; 5,711,119, 6,839,951 and 6,863,932.

Phone: 313.923.0400 | Toll Free: 800.754.7668 | Fax: 313.923.4555