

# Space Needle

Waterproofing and resurfacing the observation deck of an iconic landmark while remaining open for visitors

 WASHINGTON

## Project at a Glance:

**Category:** Waterproofing & Deck Coating Solutions

**Completed:** 2018

**Type:** Hospitality & Entertainment

**Size:** 29 squares

## The Challenge:

Updating and preserving the 57-year-old Space Needle's observation deck meant more than just resurfacing—it required a system that could handle structural movement from wind and temperature, perform in Seattle's rainy climate, and allow it to remain open to the public throughout the duration of the renovation. Therefore, the solution needed to meet the project's aesthetic, structural, and scheduling demands all at once.

## Siplast Products Used:

- Terapro Base and Flashing Resins, Liquid-Applied

## The Solution:

A Siplast liquid-applied PMMA system was applied to deliver high-performance waterproofing and surface protection, while a quick cure time allowed the Space Needle to stay open for visitors:

- **Fast-cure application for minimal visitor interruption**

The Terapro Waterproofing and Surfacing System cured quickly, even in Seattle's damp conditions, which enabled application to proceed without weather delays and allowed for a swift return to full visitor service.

- **Durability for high-traffic surfaces**

A Pro Natural Quartz aggregate finish created a hard-wearing surfacing layer to protect against the observation deck's high level of foot traffic.

- **Flexible, reinforced waterproofing system**

Layers of catalyzed PMMA resin with fleece reinforcement built up a high-mil, UV- and abrasion-resistant barrier to help withstand movement and protect against wear due to pedestrian traffic and environmental exposure\*.

Thanks to its phased installation and Terapro's rapid cure times, the project was completed without closing for visitors. The result was the preservation and long-term protection of a world-class structure and visitor experience.

\*See sample Siplast guarantee(s) for complete coverage and restrictions.