

SAIA Award Applications – Portland Airport:

Company Overview:

BrandSafway, founded in 1919, delivers a full range of forming, shoring, scaffolding, work access and industrial service solutions to the industrial, commercial and infrastructure markets. Through a network of 340 locations across 30 countries and more than 38,000 employees, BrandSafway supports maintenance and refurbishment projects as well as new construction and expansion plans.

Scope of Work:

From September 30 to November 7, BrandSafway provided access, engineering, coating and weather protection products and services to the Portland International Airport Expansion and Renovation project at a value of \$820,000. In collaboration with Universal Manufacturing, they designed and delivered a custom-engineered IBC-compliant public access stairs and ADA-compliant ramp; both of which were coated for durability and slip-resistance. As the sole distributor of HAKI® products in North America, they also provided a HAKI enclosure for weather protection.

Project Narrative:

Portland International Airport is undergoing an ambitious five-year terminal expansion and renovation project. The first portion of the work centers around expanding Terminal C, an effort that would require demolishing one end of the building without inhibiting the flow of the terminal's up to 10,000 daily passengers.

To deliver safe access for customers without hindering construction, BrandSafway provided temporary public access stairs (See Image 1)– the only ones available in North America that meet International Building Code (IBC) requirements – paired with a custom accessibility ramp that meets Americans with Disabilities Act (ADA) regulations (See Image 2).

The stairs, engineered in collaboration with Universal Manufacturing, saved significant time and cost by not requiring “permanent” stairs to be built while still satisfying all safety and legal requirements. Both the ADA-compliant ramp and IBC-compliant stairs were coated in two layers of Marine epoxy (See in black and yellow on stairs in Image 3), a coating traditionally used in shipbuilding, which made them water-resistant, increased durability and locked in slip-resistant broadcast grit – all important factors for surfaces that would need to withstand high traffic volume and wetness from the region's heavy precipitation.

To provide protection from the elements for travelers, BrandSafway, the primary distributor of HAKI products in North America, constructed a temporary weather enclosure around the area (See Images 4 and 5). More flexible than traditional sprung structures, the system also allowed for the installation of sprinkler systems and fire alarms.

The collaborative solution provided by BrandSafway along with Universal Manufacturing and HAKI will remain in place for the 18-month project. BrandSafway is providing ongoing safety inspections and adjustments as needed.

Photos Section:

Image 1:



Image 2:



Image 3:



Image 4:



Image 5:

