



NON-PENETRATING ROOFTOP SAFETY STAIRS AND CROSSOVERS



OSHA
COMPLIANT

EASY TO
INSTALL

IN STOCK
AND READY
TO SHIP



Non-Penetrating Rooftop Safety Stairs & Crossovers

The Non-Penetrating Rooftop Safety Stairs & Crossovers provide a secure and efficient way to navigate rooftop obstacles without compromising the integrity of the roof surface. Designed to meet OSHA safety standards, this system offers a durable, modular solution for safe access over pipes, ducts, and other rooftop obstructions—eliminating the need for roof penetration.

Applications

Ideal for commercial and industrial rooftops where safe access is required over piping, HVAC equipment, and other obstacles, including warehouses, manufacturing plants, and processing facilities.

Only available in 3-4-5 and 6 step single platform crossover applications.

For more information or to request a consultation, contact us today.

Features

- Non-Penetrating Base
- Modular Design
- Weather-Resistant Materials
- Slip-Resistant Treads
- Maintenance-Free Operation
- Available in 3, 4, 5, and 6 step single platform applications

Reaction Tables for Rooftop Crossover with Counterweights

Self-supporting, counter balanced rooftop application composed of a galvanized steel base, aluminum cross-over construction, steel powder coated counterweights, and neoprene strips to protect the rooftop. Designed for flat rooftops.

- Application is only designed for a single platform crossover up to 6 steps
- Customer is responsible for ensuring roof can withstand bearing pressure/load reported
- Customer is responsible for ensuring friction-based rooftop system is acceptable for use in proposed location
- Customer responsible for ensuring existing rooftop can accept ErectAStep rooftop system

System Height	3-Step	4-Step	5-Step	6-Step
Dimension (X)	7'-7 7/8"	9'-1 7/8"	10'-7 7/8"	12'-1 7/8"
Dimension (Y)	6'-6 3/4"	7'-3 3/4"	8'-0 3/4"	8'-9 3/4"
Dimension (Z)	6'-6"	6'-6"	6'-6"	6'-6"
Clearance	2'-6 3/4"	3'-3 3/4"	4'-0 3/4"	4'-9 3/4"
Weight	1,690 lb	1,828 lb	2,146 lb	2,454 lb
Total wind shear (1.0 dead)	1,202 lb	1,432 lb	1,660 lb	1,889 lb
Total overturning moment from wind (1.0 wind)	2,236 lb-ft	3,226 lb-ft	4,386 lb-ft	5,716 lb-ft
Static load capacity	Platform: 50 PSF, Stairs: 1000 lb			
Maximum roof height: 50 ft		Maximum applied wind: 115 mph		

Reaction Tables for Rooftop Crossover without Counterweight

Tie down rooftop application composed of a galvanized steel base, aluminum cross-over construction, stainless steel shackle, and neoprene strips to protect the rooftop. Designed for flat rooftops, to be tied into existing anchor points on rooftop. Maximum of 50 ft roof height and 115 MPH applied wind load.

- Application is only designed for a single platform crossover up to 6 steps
- Customer is responsible for ensuring roof can withstand bearing pressure/load reported
- Customer responsible for ensuring existing rooftop can accept ErectAStep rooftop system

System Height		3-Step	4-Step	5-Step	6-Step
Dimension (X)		7'-7 7/8"	9'-1 7/8"	10'-7 7/8"	12'-1 7/8"
Dimension (Y)		6'-6 3/4"	7'-3 3/4"	8'-0 3/4"	8'-9 3/4"
Dimension (Z)		6'-6"	6'-6"	6'-6"	6'-6"
Clearance		2'-6 3/4"	3'-3 3/4"	4'-0 3/4"	4'-9 3/4"
Reactions at each corner	Dead load (FY)	117 lb	129 lb	141 lb	153 lb
	Wind X (FX)	122 lb	140 lb	158 lb	176 lb
	Wind X (FY)	45 lb	57 lb	68 lb	79 lb
	Wind Z (FX)	172 lb	249 lb	339 lb	441 lb
	Wind Z (FZ)	601 lb	716 lb	830 lb	944 lb
Static load capacity		Platform: 50 PSF, Stairs: 1000 lb			
Maximum roof height: 50 ft / Maximum applied wind: 115 mph					
Reactions are reported as totals at each corner and should only be applied to ties that are put in tension by any given load					