

STAGING CONCEPTS' GUARDRAIL

To ensure safety, Staging Concepts manufactures two styles of guardrail: standard 2-line and IBC (International Building Code) compliant guardrail. Both guardrails securely lock to the platforms. Customized styles are available upon request.



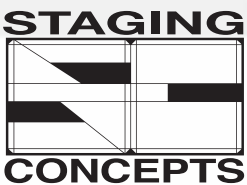
Stage with SC90 Standard 2-Line Guardrail



Riser System with SC90 IBC Compliant Guardrail



Guardrail Set-Up



Guardrail Storage Cart

SC90 GUARDRAIL

STANDARD 2-LINE AND IBC COMPLIANT ADVANTAGES

Safety

- Prevents falling and keeps performers and patrons safe
- Available in code compliant IBC (International Building Code) style (required above 30" (762mm) when used for public access)
- Guardrail clamps available to tie guardrail together side by side for extra rigidity and support

Efficiency

- Attaches to platform extrusion through integral clip assembly with no loose parts
- Tightens and locks to platform with T-handle hex key
- Integral toeboard at bottom of each guardrail
- Constructed of lightweight aluminum – not subject to rust

Variety

- Available in 2-line style or IBC style
- Finishes available: Mill aluminum, powder coat finish (black or silver), or anodized finish (black or clear)

TECHNICAL SPECIFICATIONS

The SC90 Guardrails are designed to be lightweight and comply with the following:

- Performance requirements:
 - Top Rails of Guards:
 - Uniform load of 50 lb/ft. (0.73 kN/m) applied in any direction
 - Concentrated load of 200 lbf (0.89 kN) applied in any direction
 - Infill of Guards:
 - Concentrated load of 50 lbf (0.89 kN) applied horizontally on an area of 1 sq. ft. (0.093 sq. m) at any point in system, including intermediate rails, balusters, or other elements composing infill area
 - Uniform load of 25 lbf/sq. ft. (1.2 kN/sq. m) applied horizontally
- O.D.: 1.66 inches (42mm)
- Guardrail height: 30 inches (762mm), 36 inches (914mm), 42 inches (1067mm)
- Toeboard: 4 inches (102mm) extruded aluminum, full width, finished to match other guardrail components
- Equip guardrail with structural locking mechanism to allow for attachment to platform. Design structural lock mechanism to allow for easy removal.
- Finish: Mill aluminum, powder coat finish (black or silver), or anodized finish (black or clear)

DIMENSIONS, WEIGHTS, AND FINISH OPTIONS

SC90 Standard 2-Line Guardrail

Description	Weight (lbs/kg)
8' x 42" (2.44m x 1067mm)	30/13.6
6' x 42" (1.83m x 1067mm)	25/11.3
4' x 42" (1.22m x 1067mm)	20/9.1
3' x 42" (0.92m x 1067mm)	15/6.9
2' x 42" (0.61m x 1067mm)	10/4.6

SC90 IBC Compliant Guardrail

Description	Weight (lbs/kg)
8' x 42" (2.44m x 1067mm)	60/27.2
6' x 42" (1.83m x 1067mm)	45/20.5
4' x 42" (1.22m x 1067mm)	35/15.9
3' x 42" (0.92m x 1067mm)	20/9.1
2' x 42" (0.61m x 1067mm)	15/6.9

Other guardrail heights: 30 inches (762mm) and 36 inches (914mm)
(ideal for sightlines when used as front guardrail)

Finish Options:

1. Mill finish aluminum
2. Powder coat finish (black or silver)
3. Anodized finish (black or clear)

***Custom sizes and finishes available upon request*

