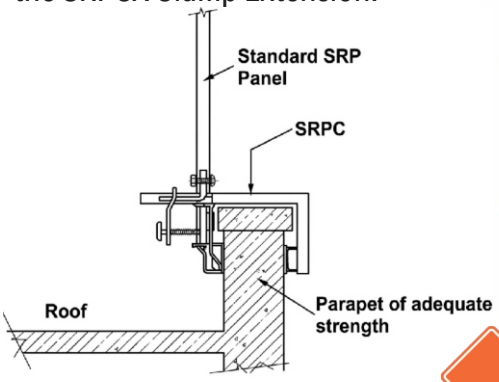
SRPC: SYSTEM DESCRIPTION AND USE

SwitchRail®
Modular Safety Rail System

The Switch-Rail Parapet Clamp (SRPC) is a non-penetrating attachment device used to secure Switch-Rail Parapet (SRPC) guardrail panels to concrete or masonry parapet walls. It serves as the base connection component of a modular guardrail system designed to provide OSHA-compliant roof edge fall protection.

The clamp mounts on the interior face of the parapet, minimizing exterior exposure while maintaining structural engagement. Adjustable clamping jaws accommodate parapet widths up to 23 inches, or up to 27 inches when used with the SRPCX Clamp Extension.



Adjustable jaws allow accommodation of parapets widths up to 23" or 27" with SRPCX

Codes and Standards

When installed in accordance with manufacturer instructions and supported by a structurally adequate parapet, the SRPC system is designed to comply with:

- **OSHA 29 CFR 1910.29 – Walking-Working Surfaces: Guardrail Systems**
- **OSHA 29 CFR 1926.502(b) – Fall Protection Systems Criteria and Practices**

Intended Use

- Perimeter roof edge fall protection.
- Temporary or semi-permanent guardrail installations.
- Applications requiring attachment to existing parapet walls.

The SRPC system is intended solely for use as part of a complete guardrail assembly utilizing standard SRP rail panels.

Perimeter Roof Edge
Fall Protection System
SRPC System

Limitations of Use

- Not designed or rated for personal fall arrest systems (PFAS).
- Not approved for tie-off, anchorage, or lifeline attachment.
- Guardrail system loads only; no dynamic arrest loading permitted.

Typical Installation Configuration

- Roof surface.
- Standard Switch-Rail Parapet (SRPC) guardrail panel.
- SRPC clamp secured to parapet wall of adequate structural capacity.

Proper installation results in a continuous, code-compliant roof edge guardrail system where direct parapet attachment is required.

System Requirements

- Installation shall be performed only after evaluation of the supporting structure.
- A designated competent person shall assess site conditions, parapet construction, and suitability prior to installation.
- Supporting parapet wall must be verified by qualified personnel to have sufficient strength and stability to resist applied guardrail loads.

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