

SRC LadderGuard Railing Specification SAFETY RAIL COMPANY

PART 1 GENERAL

1.1 SECTION INCLUDES

- A. Roof accessories of the following types:
 - 1. SRC LadderGuard Railing

1.2 RELATED SECTIONS

- A. Section 05 50 00 - Metal Fabrications.
- B. Section 07 41 13 - Metal Roof Panels.
- C. Section 07 50 00 - Membrane Roofing.

1.3 REFERENCES

- A. California Occupational Safety & Health Administration (CAL OSHA):
 - 1. CAL OSHA 1620 - Design of Temporary Railing.
 - 2. CAL OSHA 1621 - Railings and Toe Boards.
 - 3. CAL OSHA 1633 - Elevator Shafts to be Guarded.
 - 4. CAL OSHA 3209 - Standard Guardrails.
 - 5. CAL OSHA 3210 - Guardrails at Elevated Locations.
 - 6. CAL OSHA 3211 - Wall Openings.
 - 7. CAL OSHA 3212 - Floor Openings, Floor Holes and Roofs.
 - 8. CAL OSHA 3213 - Service Pits and Yard Surface Openings.
 - 9. CAL OSHA 3214 - Stair Rails and Handrails.
- B. Occupational Safety & Health Administration (OSHA):
 - 1. OSHA 29 CFR 1910.28 - Duty to Have Fall Protection.
 - 2. OSHA 29 CFR 1910.29 – Fall protection Systems & Falling Object Protection
 - 3. OSHA 29 CFR 1910.23 - Fixed Ladders.
 - 4. OSHA 29 CFR 1926.500 - Scope, Application, Definitions Applicable to this Subpart.
 - 5. OSHA 29 CFR 1926.501 - Duty to Have Fall Protection.
 - 6. OSHA 29 CFR 1926.502 - Fall Protection Systems Criteria and Practices.
 - 7. OSHA 29 CFR 1926.503 - Training Requirements.
 - 8. OSHA Warning Line Interpretations

1.4 SUBMITTALS

- A. Submit under provisions of Section 01 30 00 - Administrative Requirements.
- B. Product Data: Manufacturer's data sheets on each product to be used, including:
 - 1. Preparation instructions and recommendations.
 - 2. Storage and handling requirements and recommendations.
 - 3. Installation methods.
- C. Shop Drawings: Drawings showing plans, elevations, sections and details of components.

1.5 DELIVERY, STORAGE, AND HANDLING

- A. Deliver materials to the job site in good condition and adequately protected against damage as handrails are a finished product.
- B. Inspect rail sections for damage before signing the receipt from the trucking company. Truck driver must note damaged goods on the bill of lading if damaged product is found.
- C. Store products in manufacturer's unopened packaging until ready for installation.

1.6 PROJECT CONDITIONS

- A. Field Measurements: Where handrails, railings or skylight guards are indicated to fit to other construction, check actual dimensions of other construction by accurate field measurements before fabrication.

1.7 WARRANTY

- A. Warranty: Provide manufacture's two (2) year warranty.

PART 2 PRODUCTS

2.1 MANUFACTURERS

- A. Acceptable Manufacturer: Safety Rail Company, which is located at: 4244 Shoreline Drive, Spring Park, MN 55384; Toll Free Tel: 888-434-2720; Tel: 952-594-3508; Fax: 888-471-4931; Email: sales@safetyrailcompany.com; Web: www.safetyrailcompany.com
- B. Substitutions: Not permitted.

2.2 SYSTEMS

- A. SRC LadderGuard Railing System: Provide non-penetrating fixed ladder guarding. Include all mounting hardware.
- B. Approved Product: SRC LadderGuard as manufactured by Safety Rail Company
 - 1. Standard: System to withstand a load of at least 200 pounds applied at any one area on the guard as required by OSHA Standard 29 CFR 1910.29 (b)
 - 2. Width: Adjustable to adapt to fixed ladder width
 - 3. Length Options: 3', 7.5' or 15' side railings extending from fixed ladder. All sizes can be adjusted to extend another 40" onto roof.
 - 4. Height: 42" per OSHA 1910.29 (b)
 - 5. Ladder Interface Options: Specify flat bar or round fixed ladder for LadderGuard clamp-on connection.
 - 6. Finish: Powder Coat Safety Yellow
 - 7. Finish: Hot-dip galvanized
 - 8. Finish: Hot-dip galvanized with powder-coated finish
 - 9. Optional RAL colors available

2.3 FINISHES

- A. Finish: Factory finished powder coat paint.
- B. Finish: Hot dipped galvanized.
- C. Color: Safety yellow.

D. Color: Match Architect's sample.

2.4 FABRICATION

A. Assemble components with joints tightly fitted and secured. Accurately form components to suit installation.

PART 3 EXECUTION

3.1 EXAMINATION

A. Do not begin installation until substrates have been properly prepared.

B. If substrate preparation is the responsibility of another installer, notify Architect of unsatisfactory preparation before proceeding.

3.2 PREPARATION

A. Prepare surfaces using the methods recommended by the manufacturer for achieving the best result for the substrate under the project conditions.

3.3 INSTALLATION

A. Install in accordance with manufacturer's instructions.

3.4 PROTECTION

A. Protect installed products until completion of project.

B. Touch-up, repair or replace damaged products before Substantial Completion.

END OF SECTION