

SECTION 07 7260, Roof Accessories, Roof Fall Protection
KeeHatch® Mightylight aluminum RAILING SYSTEM, OSHA COMPLIANT

PART 1 - GENERAL

1.01 SUMMARY

Provide and install permanent bolt-on KeeHatch Mightylight Railing System for safe egress and ingress through roof type access hatches and for protection of roof opening while roof hatch is in use. The KeeHatch Railing System meets OSHA Standards 29 CFR 1910.23 and 29 CFR 1910.27.

1.02 WORK INCLUDED

Include all labor, materials, equipment, transportation and services required to complete the installation of roof accessories as shown on the drawings and herein specified.

1.03 SUBMITTALS

Submit manufacturer's submittal document for approval prior to order.

1.04 WARRANTY

Provide the Owner with a seven (7) year manufacturer's warranty.

PART 2 - MATERIALS

2.01 MANUFACTURER

KeeHatch Mightylight Railing System by: Safety Rail Source
phone: (877)-723-3766, fax: (610) 539-1630,
email: info@safetyrailsources.com

SECTION 05 5200, Metals, Metal Railings

A. General OSHA Standards

1. Railing System shall be designed to withstand a 200 pounds test load required by OSHA.
2. Railing System shall consist of a top rail, mid rail, and chain or self closing gate, with the hatch curb acting as the toe plate.
3. Railing system shall extend to a height of at least 42" from the finished roof deck.
4. Railing system shall be free of sharp edges and snag points.

B. Railing Pipe Brackets & Fittings

1. Pipe shall be anodized finish aluminum 6105T-5 1.660" OD, 1.250" nominal bore schedule 40.
2. Mounting brackets shall be cast aluminum L161-7.
3. Fittings are aluminum L10-7, L15-7, L135-77.
4. Pipe ends and tops shall be plugged with weather and light resistant material cap plugs 133C.

C. Hardware

1. Chain system shall be 3/16" proof coil ASTM specification, zinc plated with quick link on fixed end. If with gate, gate shall be aluminum self-closing gate with spring close.
2. Fastening system for mounting brackets shall be Fastclip™ stainless steel with self-locking nut.

D. Finish: Factory finish shall be anodized aluminum.

PART 3 - EXECUTION

3.01 INSTALLATION

- A. Furnish and install KeeHatch Mightylight Railing System on all roof hatches, matching proper model with specified roof hatch. Contact manufacturer for proper model selection. KeeHatch Railing Systems shall be installed per manufacture's installation instructions provided with each KeeHatch kit.