

Safety Boot™



1-866-902-4041

www.safetyfirstcanada.com



INSTALLATION INSTRUCTIONS



Make sure each person reads and understands these instructions prior to use. The manufacturer and distributor assumes no liability in the event of improper installation, product misuse, or failure of wood construction substrate. DO NOT use the safety Boot if cracked or split.

Safety Boot Railing Systems enable the builder to easily construct free-standing guardrail and stair rail systems that meet OH&S Standards on every job-site.

OH&S Requirements

The Safety Boot System complies with all provincial standards.

Safety Boot can withstand loads in excess of four times the Canadian requirements without failure to the boot itself.

JOB BUILT RAILING

- Inadequate Safety Protection
- Does not meet OH&S Standards



SAFETY BOOT RAILING SYSTEM

- Superior Safety Protection
- Meets OH&S Standards

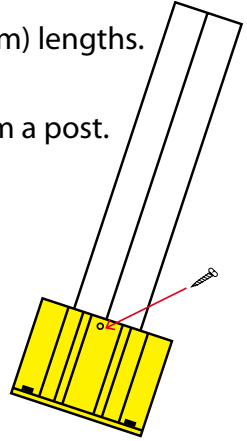


The General/Prime Contractor is responsible for: assembling to OH&S standards, all of the various temporary railing systems mandated for different workplace situations.

STEP 1

ASSEMBLE POSTS

- Cut 2" x 4" (38 mm x 89 mm) stud into two 42" (1070mm) lengths.
DO NOT use wet or oversized timber.
- Fasten the lengths together with screws or nails to form a post.
- Place one end of the post into the top of the Safety Boot and tap until the bottom of the post is flush with the bottom of the Boot.
- Be sure and anchor the Safety Boot to the post using one Hex-Head 3/8"x2" lag bolts and 3/8" x 1 1/2" fender washer.



STEP 2

PLACEMENT OF POSTS

- Place Safety Boot posts in line along all edges of unprotected walking / working surfaces of stairways, balconies, landings, roofs, on parapets, elevator shafts, bridges etc.
- Space between the posts: **MUST NOT exceed 8' (feet) (2.4m)**
- Place Safety Boot posts **18" (inches) (455mm)** away from all permanent wall structures.

STEP 3

ANCHOR POSTS TO SURFACE

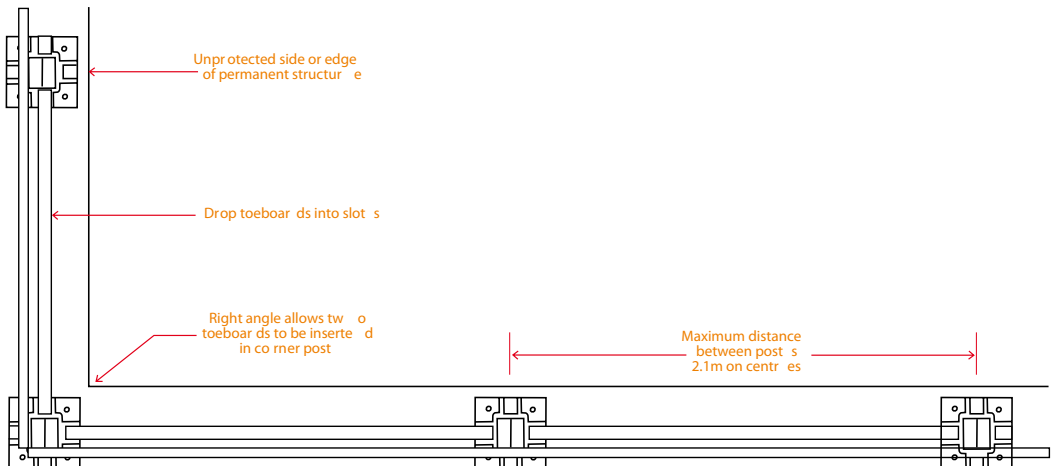
- Securely fasten Safety Boots to surface using four (4) specified fasteners.
- You **MUST** always use the correct fasteners for different types of flooring - to meet OH&S strength requirements refer to the **Fastener Specifications Section** in this instruction book for your specific application.

DO NOT USE NAILS! Always use the correct fasteners!

STEP 4

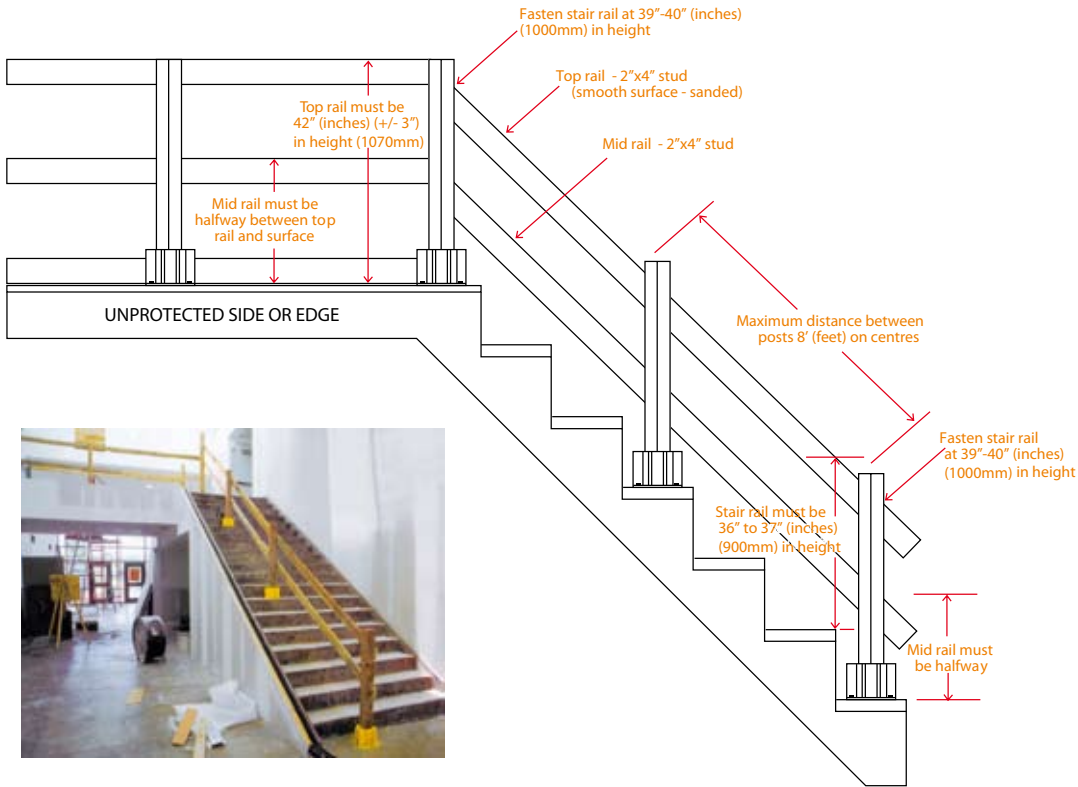
FASTEN RAILINGS TO SAFETY BOOT POSTS AND INSERT TOEBOARDS

- For Stair rails, including Handrails, top railings must be attached to the posts at approximately 39-40" (inches) (1 metre).
- For Guardrails, including Landings, top railings must be flush with top of posts 42" (inches) (1070mm)
- For all Mid-rails, fasten halfway between top railings and flooring.
- Terminal (End) System, always extend the railings past the posts and stop the railings 4" (inches) (100mm) from any permanent structure. **EXCEPTION:** Where there is no permanent structure, the ends of the rails must stop at the terminal post to prevent a projection hazard.
- For Toeboards, (required by OH&S), cut 2"x6" to fit tight between two posts and drop toeboard into slots on each Safety Boot. (Toeboards are not required on stair rails).

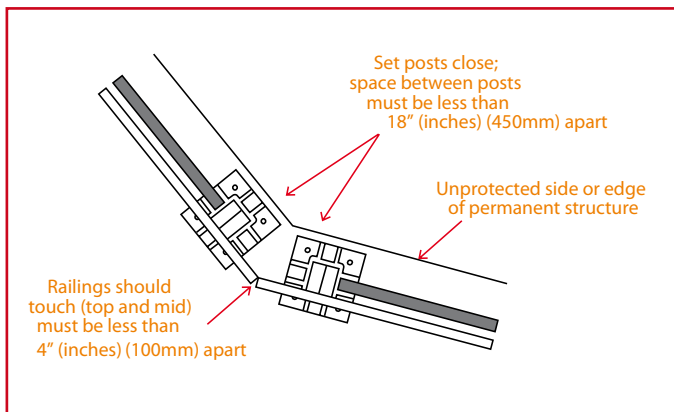


Applies to walking/working surfaces & stairway landings

Stair rail must be minimum 36" (inches) (915mm)



Applies to Stair rail & Handrail Systems



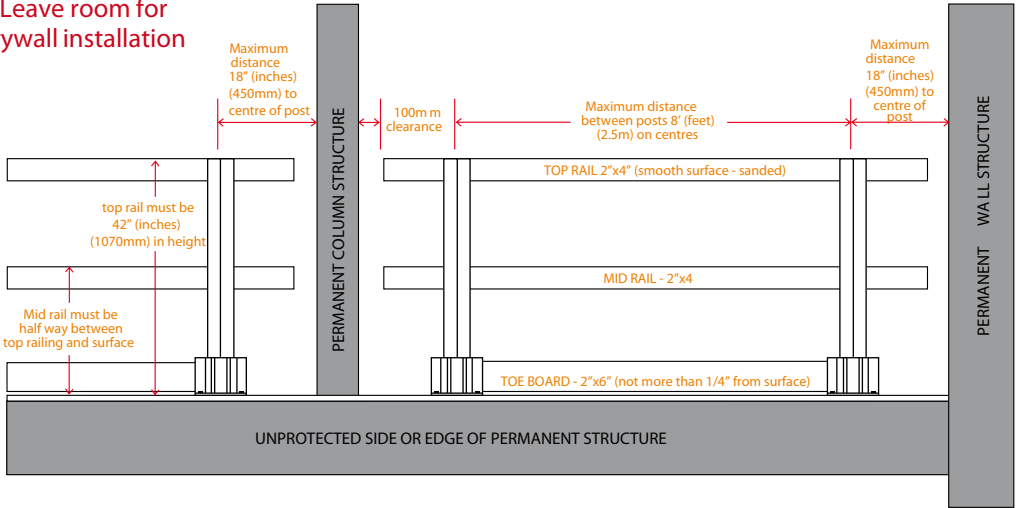
Applies to Odd Angled Surfaces

Never remove top railings!

If materials are brought through Guardrail System, lift out toeboards and only remove mid-rails. Immediately replace when finished.

Workers must use Personal Fall Arrest Systems if top railings are also removed.

Leave room for drywall installation



Applies to Unprotected Sides & Stairway Landings



STEP 5

WHEN REMOVED

- When removed, the post with Safety Boot attached, is ready for re-use at the next job site.

SAFETY BOOTTM

INSTALLATION INSTRUCTIONS

WARNING!

Do not use nails or smaller sized screws to anchor safety boots

FASTENER SPECIFICATIONS

WOOD / PLYWOOD (3/4" thick or greater)

Each Safety Boot installed must use:

- 4 x Hex-Head 3/8" x 2" Lag Screws; and
- 4 x 3/8" x 1 1/2" Fender Washers

Anchor directly into subflooring or stair tread.

WOOD / PLYWOOD (Less than 3/4" thick)

Each Safety Boot installed must use:

- 4 x Hex-Head 3/8" x 3" Lag Screws; and
- 4 x 3/8" x 1 1/2" Fender Washers

Anchor into floor joist or into 2X lumber material (45mm) thick blocks on the underside of subfloor.

PARTICLE BOARD FLOORING APPLICATIONS

When anchoring into particle board or other kinds of reconfigured board, use:

- 4 x Hex-Head 3/8" x 3" Lag Screws; and
- 4 x 3/8" x 1 1/2" Fender Washers

Anchor into floor joist or into 2X lumber material (45mm) thick blocks on the underside of subfloor.

CONCRETE APPLICATIONS

Each Safety Boot anchored into concrete must use:

- 4 x Masonry fasteners such as HILTI® HUS-H 3/8 Inch Screw Anchors (www.hilti.com) or similar anchors and;
- 4 x 3/8" x 1 1/2" Fender Washers

IMPORTANT: Verify that the fastener specifications for average ultimate pullout and shear values, and the fastener's installation instructions meet the OH&S strength standards. ALWAYS anchor using the four primary corner holes

NOTE: It is often necessary to reinforce the subfloor around the anchored posts. Fasten with nails or wood screws to strengthen treads or subflooring.

**For ease of installation,
use an impact driver or power drill with a 9/16 socket with adaptor**





***For technical support or to re-order in
Canada contact:***

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