

# Meet the World's Most Versatile Guardrail System!



Some more of the many uses: *Manhole barricade • Rail car platforms • Ramps • Construction sites • Dig Sites • Mezzanines • Assembly and break areas • Crowd control • Hoist areas • Many more!*

## Safety

- Positive locking system secures the rails to the base
- System exceeds OSHA regulations 29 CFR 1910.23 and 1926.502
- Toe board adapters available
- No counter weights are required thus reducing trip hazards
- Fall protection is not a luxury! It is a necessity!
- Protect your employees and visitors. It is your obligation!
- Rubber pads are available for use on membrane roofs and for smooth concrete surfaces
- Working handles cast into base

Installs in 3 easy steps – no drilling required!



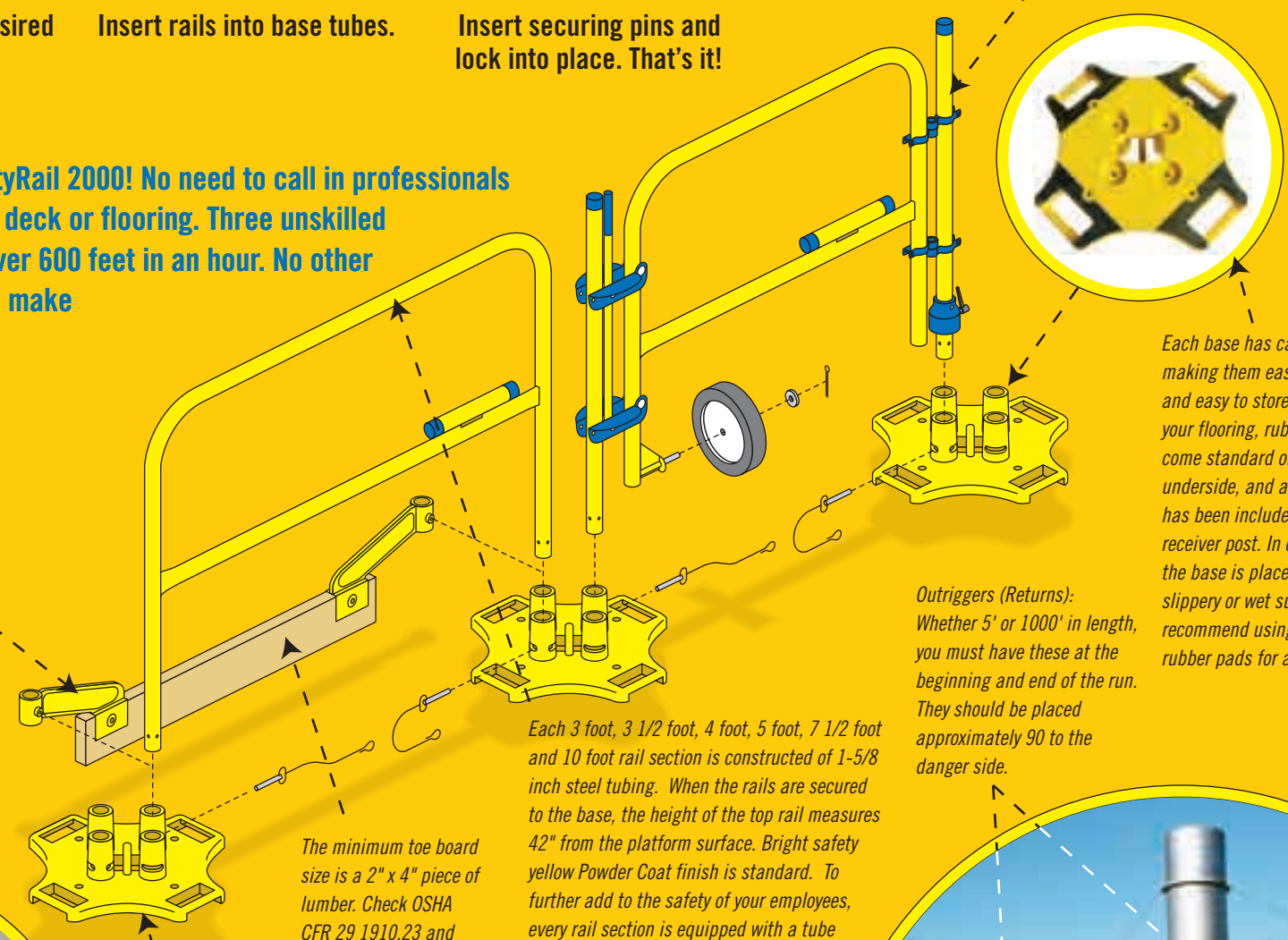
**1** Position bases into desired location. **2** Insert rails into base tubes. **3** Insert securing pins and lock into place. That's it!

**IMPORTANT:** Our positive locking system allows quick visual verification that the rails are locked in place. Friction lock systems provide **NO** such verification.

Our gate system has a uniquely strong single pull - double latching mechanism that meets OSHA regulations. Gates are available in various lengths to meet any of your needs. The gate has a support wheel for easy maneuvering. The hinge post, when secured with the locking coupler, always holds the hinges parallel to the latch post.

Save costs with SafetyRail 2000! No need to call in professionals to drill into your roof deck or flooring. Three unskilled laborers can erect over 600 feet in an hour. No other guardrail system can make this claim.

OSHA requires the use of toe boards on some elevated work areas, and our easy-to-use system complies with the regulations. Each bracket slides on the rail and fits easily over a toe board. It tightens to the rail with a friction knob for added strength and is engineered to mount on a toe board no matter what the positioning of the base is.



Each base has cast in reliefs, making them easy to stack and easy to store. To protect your flooring, rubber pads come standard on the underside, and a drain hole has been included in each rail receiver post. In cases where the base is placed on a slippery or wet surface, we recommend using the optional rubber pads for added friction.

Outriggers (Returns): Whether 5' or 1000' in length, you must have these at the beginning and end of the run. They should be placed approximately 90° to the danger side.

Each 3 foot, 3 1/2 foot, 4 foot, 5 foot, 7 1/2 foot and 10 foot rail section is constructed of 1-5/8 inch steel tubing. When the rails are secured to the base, the height of the top rail measures 42" from the platform surface. Bright safety yellow Powder Coat finish is standard. To further add to the safety of your employees, every rail section is equipped with a tube containing instructions on proper utilization of the SafetyRail 2000 system.

The minimum toe board size is a 2" x 4" piece of lumber. Check OSHA CFR 29 1910.23 and 1926.502 for these and other regulations.

The base is engineered to be the most versatile product in the marketplace. It measures 23.25" across (from outside of handle to outside of handle). The 108 lb cast iron base has four rail receiver posts, enabling you to have up to four quadrants from a single base. Each receiver post contains slots that incorporate the custom engineered positive locking system, a unique design which enables infinite positioning of the rails while being secured with the locking pin. In the center is a lifting hook which is used with the optional EZ Mover, and at the edges are working handles which allow for easy lifting and positioning. And should you need to permanently mount the base, four holes are available for anchor bolts.

Note: SafetyRail 2000 has been tested by a licensed engineering lab and was documented to meet and exceed all OSHA regulations pertaining to guardrail (29 CFR 1910.23 and 1926.502). Test results are available upon request.

## Versatility

- Non-penetrating and 100% portable
- Rails can be secured in infinite directions
- Each base can support up to 4 rails
- Unskilled labor can install over 600 ft an hour
- Custom manufacturing available
- Galvanized coatings available
- No tools required for installation
- Various size gates available to fit your requirements

Sliding gate (Pat. pending)



Equipment guarding



StepRail



ParaRail (Pat. pending)



## CAD Services

BlueWater Mfg. has complete CAD services ranging from 2 Dimensional drawings to 3D Modeling. Shown here is a 2 Dimensional and 3D Model snapshot of our ParaRail (Patent Pending) and Ladder Cradle (Patent Pending) for use on a roof top application. We can also provide take-offs for roof tops or manufacturing facilities. Our innovative staff can provide creative solutions to help solve your safety issues.

