

Installation

Perma-Tread polymer stair treads are designed to minimize the expenses associated with stair fabrication, installation, and maintenance. The product matches nominal lumber sizes. These treads can be effortlessly machined on-site using standard tools, providing a hassle-free installation experience. Perma-Tread ensures a durable finish that remains impervious to rot or corrosion.

1. ENTIRE STAIR IS BUILT WITH PERMA-TREAD

- Cut Perma-Tread 412 profile like 4 x 12 lumber.
- Utilize metal brackets to join stair stringers, stair treads, posts, and joists.
- Utilize lag screws or decking screws to fasten just like traditional wood stairs and treads.
- Benefit from a Perma-Tread stair system that will not corrode.

2. METAL STAIR WITH FREE SPANNING, OPEN RISER STAIR TREADS

- Cut Perma-Tread 412 profile like 4 x 12 lumber.
- Utilize metal stair stringers with seat angles to accept each stair tread.
- Utilize lag screws to fasten from underneath, just like wood stair treads or precast concrete stair treads.
- Benefit from a Perma-Tread stair system that will not corrode.

3. METAL STAIR WITH METAL CLOSED RISER STAIR TREADS

- Cut Perma-Tread 212 profile like 2 x 12 lumber.
- Fabricate the stair structure with steel.
- Design closed riser metal stair treads to accept Perma-Tread.
- Use commercial adhesive to adhere Perma-Tread to the top face of the metal tread or use mechanical fasteners from underneath to attach.
- Benefit from a stair tread finish that will not corrode.

4. METAL STAIR WITH PERMA-TREAD STAIR TREADS AND RISERS

- Cut Perma-Tread 212, 312, or 412 profile like lumber.
- Fabricate the stair structure with steel.
- Utilize metal stair stringers with special brackets to accept each Perma-Tread stair treads and risers.
- Utilize lag screws to fasten treads and risers from underneath.
- Benefit from a stair tread finish that will not corrode.

5. STAIR LANDINGS AND DECKS MADE WITH PERMA-TREAD

- Cut Perma-Tread 212 or other desired profile like lumber.
- Include 1/8" gap between decking boards.
- Install above support joists made from lumber or Perma-Tread.
- Utilize brackets and lag screws from underneath for a clean top finish.
- Utilize composite trim head self tapping composite deck screws to attach from top.