

INSTRUCTIONS FOR INSTALLING WOOSTER SAFETY STAIR TREADS

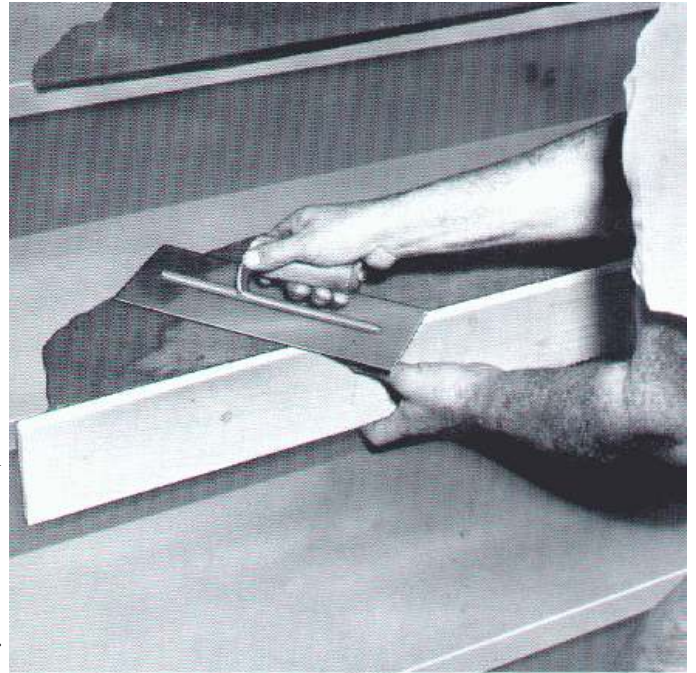
GENERAL INSTRUCTIONS

Installing Wooster safety stair treads is easy when the installation instructions described below are followed. Before beginning, the stairway must be broom-cleaned and checked for soundness. Any loose treads should be fastened down, wood treads nailed and so forth.

Wooster safety stair treads are furnished with holes drilled and countersunk for fasteners. They are manufactured to customer specifications so they will fit individual stairways. This eliminates any need for cutting and fitting on the jobsite.

INSTALLATION INSTRUCTIONS

Worn - Concrete, Terrazzo, Marble, Slate, Etc. Stairs: An application of leveling compound should be made over dished or worn stairs to provide a level-bearing surface for the safety stair treads. Smooth steps such as marble, terrazzo, tile, metal, etc., should be roughed up to insure good adhesion. The best methods to rough up the surface are grinding, sandblasting or mechanical scarification. After mechanical preparation, remove all dust and loose particles by means of a heavy-duty industrial vacuum cleaner. All other types of surfaces need only to be thoroughly cleaned. Simply mix compound in mortar pan, (directions for mixing are shown on the drum) apply and trowel to a feather edge. Troweling against a straight-edge board held to front of step (see photo) provides a square edge. As soon as step is leveled, the board may be removed to the next step, as no form is needed. Begin at top of stairs and work down. Compound dries and is ready for treads in 2 to 4 hours.



WOOSTER PRODUCTS recommends using Tapcon Screws to fasten down the Safety Stair Treads. This is the most popular method of securing the Safety Stair Treads. Tapcon screws offer many advantages: ●No layout or hole spotting required ●Fast easy installation ●Removable ●Use with masonry drill bit for maximum holding power ●Recommended embedment 1" - 1 3/4"

Tapcon screws can be used in concrete, block, and brick. No other fasteners are required. The Tapcon screws are made of case hardened carbon steel, with CR-10 coating for corrosive environments. They are furnished in a flat head design 3/16" x 1 1/4".

Instructions for use: Using a 5/32" drill bit, drill a hole a minimum of 1/4" deeper than the maximum embedment depth of the anchor (minimum anchor embedment should be 1"). Apply a coating of Wooster Rubber-Base Construction Adhesive to step and to back of safety tread. Place safety tread in position on step and move back and forth a time or two to obtain a vulcanized bond. Place anchor through tread into pilot hole and drive in with a phillips bit.

The safety stair treads also can be fastened down with screws and lead expansion shields. Place tread on stair, mark holes for drilling, remove tread and frill holes with electric drill using a 5/16" carbide tipped drill bit. Before inserting shields into holes, dip each shield into Wooster Rubber-Base Construction Adhesive to prevent turning in hole while tightening screw. Apply a coating of same adhesive to step and to back of safety tread. Place the safety tread in position on step and move back and forth a time or two to obtain a vulcanized bond. Then fasten down with flat-head screws.

IMPORTANT: Do not use power tools to tighten fasteners at risk of stripping threads.

Unworn - Concrete, Terrazzo, Marble, Slate, Etc. Stairs: Follow same installation instructions described under **Worn-Stairs** except leveling compound is not required.

Worn - Wood Stairs: Follow installation instructions described under **Worn-Concrete Stairs** for applying leveling compound. The hardened compound readily holds wood screws. Wood stairs require only starter holes for wood screws. Wooster Rubber-Base Construction Adhesive is not necessary for wood steps but can be used if so desired.

Unworn - Wood Stairs: Follow same installation instructions described under **Worn-Wood Stairs** except leveling compound is not required.

Worn - Metal Stairs: Follow installation instructions described under **Worn-Concrete Stairs** for applying leveling compound. When fastening treads down follow instructions described under Tapcon screws expect you drill completely through the step using a 3/16" drill bit and fasten with machine screws and nuts or self-tapping screws.

Unworn - Metal Stairs: Follow same installation instructions described under **Worn-Metal Stairs** except leveling compound is not required.



LEVELING COMPOUND

Leveling Compound is furnished in 50-lb drums and consists of specially formulated components to which you just add water, mix, and compound is ready for troweling. It will not shrink as it dries and can be featheredged. One drum covers 50 square feet of surface in 1/8" thickness. Compound adheres to any type of stair tread; wood, concrete, steel, marble, etc. No primer required. Directions for mixing are shown on the drum.



**WOOSTER RUBBER-BASE
CONSTRUCTION ADHESIVE**

Wooster Rubber-Base Construction Adhesive applied to the stair step before the safety tread is put down assures a firm installation, prevents rattles from developing and sets up a water-proof barrier around treads. See application instructions on can.

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WOOSTER PRODUCTS INC, 1000 SPRUCE ST., WOOSTER, OH 44691

Toll Free: 800-321-4936 Phone: 330-264-2844 Fax: 330-262-4151

Web Site: <http://www.wooster-products.com>

E-mail: sales@wooster-products.com