

TORLYS smartSTEP

FLOATING Stair Nose Installation Instructions

When installing on landings, hallways, etc., where the ability of the flooring to float must be maintained, TORLYS has developed the Floating smartSTEP. The floating version of the smartSTEP incorporates a metal plate attached to a standard smartSTEP, which allows for mechanical fastening of the nosing without compromising the flooring's ability to expand and contract. (image 1)

The slots in the plate will allow the floating smartSTEP to be screwed to the subfloor, using 2 screws per slot. The screws are driven to a tightness that will allow the smartSTEP to slide back and forth with the normal movement of the flooring, while still firmly securing the smartSTEP to the subfloor. Screw placement must allow enough space in the slots to accommodate the required expansion/contraction for the flooring. Placement of the screws should be equivalent to the thickness of the flooring from each end of the slot. (image 2)

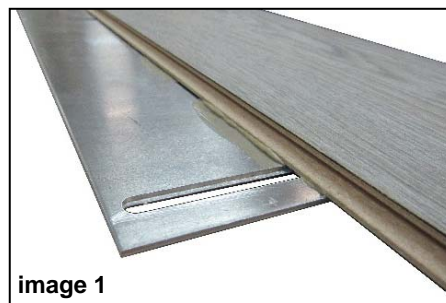


image 1

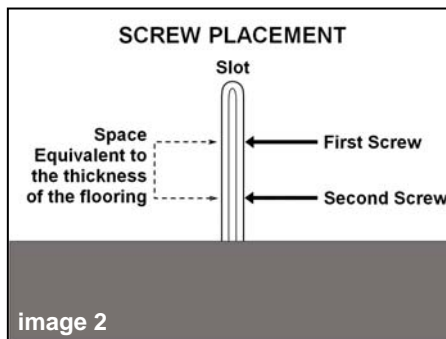


image 2

A. Preparation of the existing landing/subfloor

1. The landing or subfloor must be structurally sound, flat, dry, clean, smooth and free from any residues that may interfere with the movement of the stair nose (such as adhesive residue).
2. Cut off any existing bullnose flush with the riser of the stair or fill in the riser to be flush with the bullnose and tread.
3. It is possible that if the bullnose protrudes, it may make the clearance to the stair tread below too narrow and unsafe; Check local building codes for any stair requirements before modifying the dimensions of the tread.

B. Installation of the TORLYS smartSTEP

1. Measure and cut the TORLYS smartSTEP to the proper length. The plate should be centered.
2. Undercutting the perimeter of railing post(s) may give the best finished look. Remember to allow for underpad if it is being used.
3. TORLYS smartSTEP comes with the floor's locking or T&G system milled on the long side.
4. Starting your installation at the smartSTEP will allow you to click or engage the factory edge of the flooring into the nosing. Select flooring pieces that best match the smartStep in colour and shade to install adjacent to it.
5. In the case of products that require a separate underpad, such as laminates or some hardwood floors, first install the underpad, dry fit the smartStep in position and cut the pad so that it surrounds the metal plate. Remember to leave appropriate expansion/contraction space both at the underpad and the riser. You can use pieces of the flooring material as a guide. Remove these when installation is complete.
6. In the case of products with attached underpad, this will be removed when the metal plate is attached to the smartSTEP. You must also remove the attached underpad from the planks being clicked into the smartSTEP where the metal plate will be underneath them.
7. The expansion gap between the riser and the nosing can be covered with a plank of flooring on the riser. Ensure this does not interfere with the normal movement of the flooring.
8. Before securing the smartSTEP with the screws, dry fit to ensure proper allowance for expansion/contraction. You can now place the screws as described above. Tighten only hand tight; if there is too much pressure, the floating smartSTEP will not be able to move with the flooring. Check that it can move properly before proceeding with the rest of the installation.
9. Install the intended piece(s) of flooring into the smartSTEP.
10. You can now proceed to install the balance of the flooring as usual.

Installations where the flooring direction is perpendicular to the smartSTEP

Although installing the flooring perpendicular to the smartSTEP is not an ideal application, it is possible to successfully do so. Review the above instructions to properly prepare the type of flooring you are using to accommodate the metal plate.

With random length flooring, the varying plank lengths can be installed into the smartSTEP. With fixed length products, a stagger still must be maintained; it may be necessary to create a matching bevel on the cut ends using a sanding block and touch up marker.

In either event, it is recommended to adhere the short ends of the planks to the metal plate with TORLYS Premium Adhesive.

In the event these instructions do not address your jobsite requirements, please contact our Customer Service department at 1-800-461-2573 to be put in touch with our Technical Department.