

## TORLYS SmartTread Kit Installation Instructions

When installing the **TORLYS SmartTread Kit** on stairs, there is no need to have an expansion space between the tread and riser. In accordance with building code, the treads will be glued down (not floated).

Under no circumstances should additional underlayment be used on stair steps. This would result in an unsafe condition.

The new **TORLYS SmartTread** will be glued to the stair tread in a fully adhered system; the use of face nailing, or painter's tape, can help to hold the tread in place while the adhesive cures.

### A. Use of adhesive

The proper adhesive for gluing down **TORLYS SmartTread Kit** is Lepage No More Nails Heavy Duty® or equivalent. Follow the manufacturer recommended procedure for the adhesive. Do not track this adhesive onto the surface of the flooring or wipe up immediately, as it is very difficult to remove once cured.

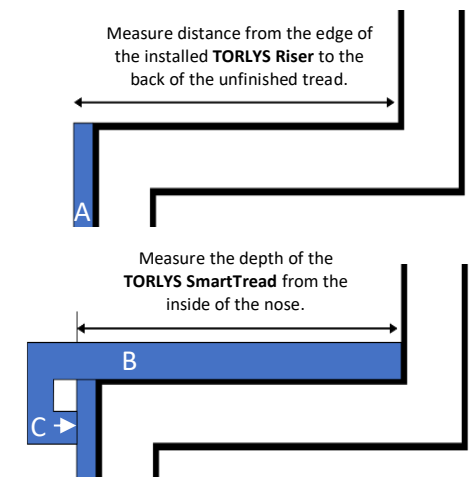
### B. Preparation of the existing stairs

1. Stairs must be structurally sound, flat, dry, clean, smooth, and free from paint, varnish, wax, oils, solvents, or any foreign substance that could interfere with the bond.
2. Cut off any existing nose flush with the riser of the stair or fill in the riser to be flush with the unfinished nose and tread.
3. It is possible that if the nose protrudes, trimming it off may make the stair tread too narrow and unsafe; check local building codes for any stair requirements before modifying the dimensions of the tread.

### C. Installation of TORLYS SmartTread Kit

\*Note: lightly sanding the back of **TORLYS SmartTread** and **Risers** will ensure a strong bond.

1. Starting at the unfinished stair riser, measure the length, width and height of the unfinished riser and cut the **TORLYS Riser (A)** to size (no expansion space required). Check several spots in case the unfinished stair riser is not square. Do not cut the **TORLYS Riser** too tight, it should dry-fit without any resistance. The **TORLYS Riser** can now be glued using Lepage No More Nails Heavy Duty® in a serpentine pattern on the back of the **TORLYS Riser**.
2. Measure the depth of the unfinished tread from the face of the installed **TORLYS Riser (A)** to the back of the unfinished tread against. Measure each side in case the unfinished tread is not square. Cut the **TORLYS SmartTread (B)** to this depth, measuring from the inside of the nose (**C**).
3. Measure the width of the unfinished tread. Measure both the front and the back in case the unfinished tread is not square to the stringers. If the unfinished tread is not square, it may be helpful to scribe the correct angle. Alternatively, you can use a piece of kraft paper as a template. Do not cut the **TORLYS SmartTread** too tight, it should dry-fit without any resistance. The **TORLYS SmartTread** can now be glued using Lepage No More Nails Heavy Duty® or equivalent, in a serpentine pattern.



4. Repeat the above until you have completed all the steps.

Allow the adhesive to cure according to the manufacturer's guidelines before exposing the stairs to traffic. Allow 3-5 days before damp maintenance to allow the adhesive to fully cure.

5. For a perfect finish, the filling of face nailing holes or space between the **TORLYS SmartTread** and the stringers may be done using colour matching flexible silicone.

**\*NOTE: TORLYS SmartTreads do not incorporate the locking system utilized on the corresponding flooring, and therefore a TORLYS SmartNosing would be required for top steps and landings.**

**As the TORLYS SmartTreads are unfinished on the sides, they are not suitable for use on open-ended stairs.**

In the event these instructions do not address your jobsite requirements, please contact our Customer Service Department at 1-855-461-2573 to contact our Technical Department.

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