

LOC Series

Interlocking Rubber Tiles

Installation Instructions

UPON DELIVERY OF PRODUCT

1. **VERIFY** packing slip matches your Invoice and that there is no damage.
2. **INSPECT** delivered product thoroughly. Report any discrepancies of original order, product defects, etc. No reimbursement/warranty claim will be given for labor on material installed with visual defects. Any defects – size, color, or otherwise – must be reported to the place of purchase prior to installation, preferably within 24 hours of receiving the product.
3. **STORE** product and adhesives in clean, dry, environment with temperatures between 66 and 82 F. (19 – 28 C)
4. **READ** these installation instructions, warranty and other disclaimers carefully and completely before beginning any installations.

Warning:

DO NOT use recycled rubber products in conjunction with any petroleum based products. This includes solvents, adhesives or sealants. All substrates (especially new concrete) must be fully cured for 45 to 60 days prior to installing rubber products.

INTRODUCTORY NOTE: This installation guide is intended to provide the necessary information for the proper installation of Perfect Surfaces *LOC Series interlocking tiles*. These instructions are believed to be based on accepted industry standards and are provided for informational use only.

PERFECT SURFACES LTD. DOES NOT WARRANTY ANY INSTALLATION PERFORMED PURSUANT TO THESE INSTRUCTIONS OR OTHERWISE AND SPECIFICALLY DISCLAIMS LIABILITY FOR ANY DIRECT OR INDIRECT PERSONAL INJURY, PROPERTY DAMAGE OR OTHER COSTS OR LOSSES RESULTING FROM INSTALLATION. Perfect Surfaces *LOC tiles* should be installed by qualified and experienced personnel.

RECOMMENDED TOOLS

Measuring Tape or Ruler
Metal Straight Edge
Sharp Utility Knife w/ Extra Blades
Chalk Line
Rubber Mallet
Metal Rafter Square



PREPARATION

Product

Perfect Surfaces *LOC tiles* must reach ambient room temperature to ensure a secure, tight installation with minimal size fluctuation. Each piece should be allowed to set for a full 24 hours prior to beginning installation. This allows the product to size-stabilize at the typical room temperature. Inspect the product prior to installation for measureable defects or variations.

Sub-Floor

For best installation, any sub-floor should be reasonably flat and free of holes or variances of more than 1/8" (3.17mm).

1. All sub-floors should be structurally sound and fully cured for 46 to 60 days. Test floor for vapor drive in accordance with anhydrous calcium chloride test. Vapor drive should not exceed the industry standard of <3.0 lbs. per 1,000 square feet (1.36kg/100sq m) in 24 hours.
2. Repair concrete and install joint sealant and fillers, as necessary.
3. Mechanical surface profiling is the preferred floor preparation method. It is the only acceptable preparation method where warranties are issued. Acid etching is not recommended. Mechanically profile the floor to medium-grit sandpaper texture. Remove curing and parting compounds and other surface hardeners and floor coatings in accordance with the manufacturer's instructions.

A. Concrete

New concrete must be allowed to cure thoroughly prior to installation (45 to 60 days). If sealant is used, **DO NOT USE ONE WITH PETROLEUM BASE**. Old concrete must be repaired and have joint sealants and fillers installed, as necessary. All cracks or flaws should be filled in or repaired prior to covering with rubber products. Use patching materials as appropriate. Surface must be thoroughly cleaned of dirt, dust, grease or other foreign matter by shot blasting or other mechanical means with a commercial degreaser and allowed to dry completely before beginning installation.

B. Wood Base

Wood surfaces should be completely cleaned of dirt, dust, grease or other foreign matter and be completely dry prior to installation. Trapped moisture may rot the wood. Nails or other protrusions should be pounded down or removed, holes repaired, and surface variances repaired within the 1/8" (3.17mm) acceptable variance level.

C. Asphalt

Asphalt requires the same preparation as concrete.

CLEANING

Indoors: Sweep, sponge mop or vacuum rubber flooring for everyday maintenance.

Use the Neutral pH Cleaner & Degreaser with a sponge mop and water for more extensive cleaning. Please ask your sales representative for recommended cleaning agents.

DO NOT USE Petroleum based products or acidic cleaners



INSTALLATION

Perfect Surfaces *LOC* tiles do not require any specialty tools or flooring experience to install, however it is very important to understand that the tiles are designed to fit together in certain way and if followed will give you the absolute best fit and finish.

Step One – Identify the Intended Top from the Bottom

Although you can install the *LOC* Tiles in any direction the bottom side does have an arrow. It is important to follow the directional arrows located on the back side of each tile. It does not matter which direction the arrows point as long as all arrows point in the same direction. This will ensure a tight fit and will give you the most seamless appearance when completed.

Step Two – Decide Your Intended Layout

Perfect Surfaces *LOC* tiles may be laid in straight rows and columns or in a brick pattern offsetting either the rows or the columns by 50%. Since the seams do not ordinarily show, it is unlikely that after the tiles are installed that you will be able to detect which pattern was chosen. There are some structural benefits to the offset brick pattern but there will be more wasted material with this layout.

Step Three – Determine where to start

Begin by measuring the length and width of the room. Assume that the walls are not perfectly straight or square. Divide the distances as measured in inches by the width of the tile (23" measured from the inside tab on the one side to the outside tab on the opposite side). This will result in the number of full tiles plus a partial tile. Snap a centre line for the width of the room such that the partial tile on either side of the room is no less than 6" wide. Repeat this for the length of the room. This will become the starting point.

Step Four – Lay Tiles

Place the first tile at the centre of the room where the two lines you snapped in Step Three intersect. Place the tile such that center of the tile is aligned to both the width and length line. Place the second tile on the opposite side of one of the lines. Align the tiles and press together with your thumbs. Complete the process by hitting the seam area with a rubber mallet. Continue laying tiles in all directions until there is not enough room to lay anymore full tiles within the space to be filled.

Step Five – Trim to Fit Room

Beginning in one corner, first measure from the wall to the inside of each end of the tile. Then measure from the corner of the wall to the centre edge of the tile. Position the tile such that the corresponding edge will align to the edge to be fitted and trim to fit the space from the corner to the centre of the tile and to the wall or edge. Maintain a 1/8" gap between the edge piece and the wall to allow for expansion. Continue around the room, measuring and fitting each piece and allowing for a 1/8" gap for expansion. Finish with a baseboard or rubber cove base if desired.



Product Warranty

This is a 5-year limited warranty.

Perfect Surfaces warrants that LOC Series will be free from defects in material and workmanship subsequent to the Initial Warranty Period and up to five (5) years from the date of original purchase. Original receipt must accompany warranty claim. Abnormal use and/or abuse specifically nullify the warranty on the flooring. This warranty applies only to materials only and does not include any other cost, such as delivery, installation, removal, or labour costs. This warranty is not transferrable.

Warranty Exclusions

This warranty does not cover product failure caused by:

- Improper installation or maintenance (see installation, care and maintenance instructions) including, but not limited to, the product being installed on top of improper sub- surface preparation or improper adhesive use.
- Improper disassembly (based on instructions that provide proper disassembly procedure).
- An act of negligence, abuse, accident, misuse, including, but not limited to vandalism, civil disobedience, act of crime, act of war and the like.
- Acids, caustic materials or petroleum chemicals and the like, direct or airborne.
- Fading due to sunlight (outdoor exposure, abrasions, and ultra-violet rays may cause normal change in the surface color and is not considered a defect under this warranty).
- Shading (colour variation) of individual pieces due to natural rubber variations.
- Colour variation between samples and/or printed illustrations and actual product.
- Repairs, alterations or modifications made to the surfaces without prior consultation, consent or authorization from Perfect Surfaces.
- Damage due to the occurrence of a natural disaster including, but not limited to, flooding, earthquakes, tornadoes, hurricanes, etc.
- Normal wear over time.

Liability Limitations

The liability of Perfect Surfaces for damages resulting from the use or misuse of the product shall in no event exceed the replacement cost of the product, FOB Airdrie, Alberta, Canada. In no event will Perfect Surfaces be liable to the original purchaser or any third party for damages, including any lost profits, lost savings, or other consequential or incidental damages arising out of the use or inability to use the product even if Perfect Surfaces and its representatives have been advised of the possibility of these damages.

If an installation is confirmed to have a legitimate warranty claim it is the responsibility of the manager(s) of the facility to secure the site and prevent its use until repairs are made and the site is returned to standard. Perfect Surfaces will not be liable for any injuries, incidents or damages that occur on a warranty claim site prior to the site being remedied. Some jurisdictions do not allow the limitation of liability for incidental or consequential damages so the above may not apply.

Disclaimer: Recycled rubber, as with any recycled product, can vary. Tolerances in thickness and width have been made as stringent as possible, but some variance is to be expected. Rubber's nature is to expand and contract with changes in temperature and humidity.

Perfect Surfaces rubber mats are not to be used in any manner or for purpose not expressly identified by Perfect Surfaces Ltd.

