

HANDLING AND STORAGE

Important: Always inspect Harmony™ Porch Flooring for condition and suitability for use prior to installation. Do not install Harmony™ Porch Flooring if suitability or condition is in question. Contact supplier immediately.

1. Always keep Harmony clean and dry prior to installation.
2. Protect all exposed edges from damage during handling and storage.
3. Store Harmony on flat surface with adequate uniform supports.
4. Do not stack heavy loads on top during storage or transportation.

**FAILURE TO FOLLOW THESE INSTRUCTIONS MAY
CAUSE DEFORMITY OF PRODUCT**

PRIOR TO INSTALLATION

Note: Harmony™ Porch Flooring is intended for use on covered patios. This product is two-sided and can be used with either side showing.

1. Confirm that porch sub-structure is in compliance with all local building codes prior to installation.
2. In the case of remodeling installation, a building inspector, architect, or engineer should inspect all framing for structural integrity, decay, or other issues that would compromise the installation.
3. Confirm that framing slopes away from building 1/4" per foot of to promote proper run-off and drainage of water.
4. Confirm maximum joist spacing:
90° - 16" O.C. (See Note Below); 45° - 10" O.C.; <45° - 8" O.C.; Stair stringers 9"
5. Confirm evenness of joists, (no crowns /high spots or hollows/low spots), that would cause an uneven appearance in the finished floor. Shim flooring or plane joists where necessary.
6. Proper ventilation under the porch should be provided in accordance with accepted construction practices for outdoor structures. Consult an architect or engineer for recommendations. Failure to provide adequate ventilation can result in damage or failure of the supporting structure.
7. Confirm that all foundation supports are constructed according to accepted construction methods for outdoor structures. Consult an architect or engineer

for recommendations. Failure to follow accepted procedures can cause settling or heaving. Settling or heaving may disrupt or deform the finished floor and compromise the supporting structure.

8. There is no minimum height specification for Harmony Porch Flooring. Finished elevation will be determined by sub floor design and construction.

NOTE: KOMA Harmony Porch Flooring has been successfully tested and meets the requirements of the International Residential Code. In some instances it may be desirable to have a firmer feel underfoot. In these cases, and for all commercial end use applications, the joist spacing should be reduced to 12" O. C. Harmony Porch Flooring is intended to be installed perpendicular to the home.

FASTENERS

1. All fasteners should be high quality stainless steel (typical 305 grade, 316 grade stainless for coastal salt water applications).
2. Minimum size- use #7 x 2" stainless steel, trim head deck screw with #17 drill point.
3. Flooring nails such as barbed/serrated cleats or "T's" should be used with care. KOMA Harmony Porch Flooring is a finished product and any damage that occurs during installation will not be sanded out.

ADHESIVES

A premium grade exterior construction adhesive compatible with PVC is recommended to eliminate squeaks.

1. Always confirm suitability with manufacturer before use.

INSTALLATION

1. Align first board perpendicular to building allowing for a 1/4" gap at the wall. This space is necessary to allow for any movement in the framing caused by moisture change or movement in the flooring related to temperature change. Rip the grooved edge off of the starter board prior to installing.
2. Use construction adhesive at all points of contact with joists to prevent squeaking of finished floor. The adhesive must be compatible with PVC material. Mark location and remove board to apply construction adhesive to the joists.

3. Replace board and fasten at each joist, driving fastener 30 to 45 degrees off vertical through the area of the board where the top of the tongue meets the board and into each respective joist. Board should be tight to joist. Be sure to drive fastener deep enough that it does not interfere with installation of next board. The “fastener head recess” will aid in determining correct depth of counter-sink. (Cut a short piece of porch scrap and butt up to the installed piece to check for clearance).
4. The ends of Harmony™ Porch Flooring should not overhang framing more than 3/4 inch.
5. Verify alignment of first piece before continuing.
6. At each joist, apply adhesive (one board width).
7. Fit next board with groove edge facing installed board. Boards should be tight (DO NOT leave space). Fasten at each joist.
8. Repeat steps 6 & 7 for each additional board to be installed.
9. If last board is to have exposed edge rip tongue off before installing. Edge of board should not overhang finished framing more than 1 inch.

STAIRS

1. Harmony™ Porch Flooring can be used for stair treads. Stringers should be spaced a maximum of 9” O.C.
2. Use the same fastening and adhesive guidelines as previously described in the INSTALLATION section of these guidelines.

PAINTING

NOTE: Painting is not required.

1. Harmony™ Porch Flooring can be painted with a quality latex porch paint. (Do not use oil base paint.)
2. Priming is not necessary unless specified by paint manufacturer. Always follow paint manufacturer’s recommendations.

MAINTENANCE

NOTE: Over time, mold and mildew present in the environment may cause discoloration on the surface of Harmony. This is not a manufacturing defect and will not compromise the structural integrity of Harmony. However, staining may occur if left untreated for an extended period. It’s recommended that the surface be cleaned as soon as mold or mildew are detected to minimize this naturally occurring staining.

Grease, mud, bird droppings, pet droppings, urine, or other contaminants may stain Harmony Porch Flooring. If exposed to any of the above it is recommended to clean the surface immediately to minimize staining. Environmental stains are not a manufacturing defect. A quality deck cleaner compatible with PVC is recommended. Please be sure to follow directions provided by manufacturer of cleaner. If you are unsure of cleaner compatibility, test cleaner on Harmony Porch Flooring in an inconspicuous area.

1. Periodic cleaning will remove most of the environmental contaminants (dust, dirt, pollens) that building materials are subjected to under normal conditions. Commercially produced deck cleaners compatible with PVC can also be used. Always follow manufacturer’s directions.
2. Harmony™ Porch Flooring that has not been painted can be lightly sanded to clean and renew the surface. Use 120 grit paper or screen, cleaning often. A sanding pole will make sanding easier.
3. For cleaning Harmony™ Porch Flooring that has been painted refer to paint manufacturer’s directions.

If you have additional questions please contact our technical service manager at 800.330.2239, komabuildingproducts.com.



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