

INSTALLING CORAL[®] ENTRY FLOORING

General Installation Guidelines

- Coral Entry Flooring may be installed on approved substrates on all grade levels.
- The permanent HVAC must be fully operational and set at a minimum of 68° F (20° C) at least 7 days prior to installation. Acclimate material to jobsite conditions for a minimum of 48 hours prior to installation.
- Always conduct moisture tests on any concrete slab, regardless of age or grade level.
- Conduct calcium chloride tests in accordance with ASTM F 1869. Concrete moisture vapor emissions must not exceed 5.0 pounds per 1,000 sq. ft. in 24 hours. When moisture vapor emissions exceed this requirement, please request information on Forbo Moisture Limitor.
- Measure the internal relative humidity of the concrete slab in accordance with ASTM F 2170. Relative humidity must not exceed 75%. When relative humidity exceeds this requirement, please request information on Forbo Moisture Limitor.
- Concrete surface pH should be tested and must not exceed a pH of 10.
- Always conduct adhesive mat bond tests. Bond testing will aid in determining the proper open and working times of the adhesive and help to identify bonding problems prior to the installation.
- Material should always be visually inspected prior to installation. If there are any questions regarding the quality of material, contact your local Forbo representative or Forbo Technical Services PRIOR to installation.
- ***Forbo's 5-Year Limited Warranty covers manufacturing defects only. Additional cost (including labor) associated the replacement of material that was installed with visual defects that could have been seen prior to installation are not covered under warranty.***
- Use Forbo FRS 920 adhesive.
- Use a 1/16" x 1/16" x 1/16" square notched trowel.
- Make sure all material is from the same batch/dye lot.
- ***Install rolls and cuts in consecutive order.*** Forbo will not honor shading claims where Coral Entry Flooring has been installed out of sequence.
- DO NOT REVERSE sheets for seaming. Install with arrows all pointing in the same direction.
- Avoid seams in the middle of traffic lanes. Where seams are necessary, it is preferable to place them to the left or right of the main traffic lane.
- Take pride in your work and be Professional at all times.
- Ensure that all recommendations for substrate and jobsite conditions are met prior to beginning the installation. Beginning the installation is an implied acceptance of site conditions by the parties involved.

Cutting and Fitting Sheets

1. Prior to cutting, organize the material by roll number to ensure that the rolls and cuts will be installed in consecutive order. Make sure that all rolls are from the same batch/dye lot.
2. It is generally easier to work from the inside of the building toward the threshold of the entry door.
3. Unroll the material and cut the individual pieces to length, making sure to allow for final trimming. Do Not Reverse sheets. Run all arrows in the same direction. Avoid seams in the middle of traffic lanes.
4. Prepare the seam edges by cutting from the back using a straight edge and sharp knife.
5. Dry lay the pieces, butting the trimmed edges for seaming. Make sure that the seam edges come together with a net fit with no fullness or gaps.
6. Trim for final fit at the edges by cutting from the back using a straight edge and sharp knife.

Special Instructions for Coral Duo Only

The direction in which the Coral Duo is produced is not the traffic direction. The ribs should be running at right angles to the walking direction.



1. Prior to cutting, organize the material by roll number to ensure that the *rolls and cuts will be installed in consecutive order*. Make sure that all rolls are from the same batch/dye lot.
2. It is generally easier to work from the inside of the building toward the threshold of the entry door.
3. Unroll the material and cut the individual pieces to length, making sure to allow for final trimming. Do Not Reverse sheets. Run all arrows in the same direction.
4. Prepare the seam edge of the first sheet by cutting off the vinyl impact edge. Cut from the back of the material using a straight edge and sharp knife.
5. Prepare the seam edge of the adjoining sheet by cutting off the vinyl impact edge plus the first rib. Cut from the back of the material using a straight edge and sharp knife. Be sure to leave the second rib intact.
6. Dry lay the pieces, butting the trimmed edges for seaming. Make sure that the seam edges come together with a net fit with no fullness or gaps.
7. Dry lay any remaining sheets, trimming any subsequent seam edges in the same manor.
8. Trim for final fit at the edges by cutting from the back of the material using a straight edge and sharp knife.

Adhering the Sheets

1. After dry fitting all of the pieces of Coral Entry Flooring, carefully lap each sheet back approximately half way. Take care that the sheets do not shift during handling. Mark the edge of the first sheet with a pencil line before lapping back.
2. Snap a chalk line as a spread line in front of where the material is folded over to assure an even and straight line of adhesive.
3. Spread Forbo FRS 920 adhesive on the exposed substrate using a 1/16" x 1/16" x 1/16" square notched trowel. Take care not to leave ridges or puddles.
4. Allow a short open time for the adhesive to develop body before placing the material into the adhesive, but *Do Not Allow The Adhesive To Completely Dry*. For porous substrates, less open time will be required, for non-porous substrates the time will be longer. Adhesive open time and working time will also vary with site conditions.
The adhesive is ready for installation when a light touch produces little or no transfer of adhesive to the finger, but firm pressure flattens and smears the trowel ridges.
5. Carefully place each sheet into the adhesive one at a time, starting with the first sheet and carefully following the pencil line. As subsequent sheets are placed into the adhesive, smooth the seams into place using a spatula.
6. Roll the adhered area with a 75 pound three-section roller.
7. Repeat this sequence for the other half of the area.

Transitions

1. Where Coral Entry Flooring joins adjacent flooring materials and the two surfaces are flush, no transition finish is required. The Coral Entry Flooring can simply be butted against the adjacent material.
2. Where Coral Entry Flooring joins adjacent flooring materials that are a different thickness than the Coral, a transition molding should be used.
3. A range of suitable TP Rubber profiles are available from Forbo Flooring, Inc.

Forbo's Installation Manual contains additional information on substrate evaluation and preparation, and is available for download at www.forboflooringna.com. For a hard copy, or for additional information, contact Forbo Technical Services at (800) 842-7839.