

Angle Click Installation Instructions

Specifications

SIGNATURE

9" x 72" (228 mm x 1829 mm)

7 mm thick

40 mil wear layer (1.0 mm)

22.46 SF per box

52 LB per box

1.5 mm underlayment

CRAFTSMAN

3.35" x 72" (85.09 mm x 1829 mm)

7 mm thick

40 mil wear layer (1.0 mm)

20.09 SF per box

49.6 LB per box

1.5 mm underlayment

BASE

5.9" x 48" (149 mm x 1220 mm)

5 mm thick

20 mil wear-layer (0.5 mm)

23.48 SF per box

39.6 lb per box

1 mm underlayment

Welcome

INTRODUCTION

Congratulations on your purchase of Modin Rigid Vinyl Plank™. Your premium vinyl plank floors are designed to exceed industry standards. They should provide decades of easy maintenance and service. Please read the following instructions carefully before beginning installation.

Per industry standards, installation of flooring constitutes acceptance of visual defects.

Please inspect all planks carefully prior to installation.

Guidelines

GENERAL

Modin Rigid Vinyl Plank should only be installed indoors, NEVER outdoors. Carefully inspect all planks prior to installation. If any defects are identified, do not install! Contact Flooret immediately.

- Remove quarter round, baseboard molding or cove base.
- Undercut doorway moldings to match the thickness of the flooring.
- Cartons containing planks must be stored horizontally at all times.
 Storing vertically can damage the click mechanism.
- Protect carton corners from damage.
- Modin Rigid Vinyl Plank should be installed in an indoor climatecontrolled location that is between 65° and 85°F. During the life of the floor, the floors can handle a wider range, from 0° to 140°F.
- It is not recommended to install vinyl click flooring in spaces with a longer run than 100 ft. This is especially true if the space will be exposed to warm temperatures.
 If you choose to install in a larger

- space, it is recommended that you use T-moldings to split the installation.
- Only install your floor after your job site has been thoroughly cleaned, so no damage occurs during installation.
- During installation, open 2-3 boxes at a time and mix planks from each to minimize color and pattern repetition.
- Protect your vinyl floors from constant exposure to direct sunlight.
- Leave ¼" expansion space between the Modin Rigid Vinyl Plank and all perimeter walls and neighboring floors.
- Ensure the subfloor is flat to within 3/16" over 10 ft.

Tools Required

- Miter Saw & Table Saw
- · Tape Measure & T Square
- · Universal tapping block
- Pull bar
- Heavy mallet
- Straight Edge & 1/4" Spacers
- · Moisture/Vapor Barrier

It is required to use a vapor barrier with Modin Rigid Luxury Vinyl Plank Flooring.

While Modin is waterproof, it is not itself a moisture barrier. While moisture won't damage the floor, it can get into the walls and structure of your home.

If you are aware of high moisture in your subfloor you may want to consider addressing it prior to installing new floors.

Moisture can lead to mold and mildew growth in poorly ventilated rooms, which can be a concern for both you and your home.

Excessive moisture can also lead to pressure buildup which can affect flooring over time.

Prior to installation

Most problems with flooring installations are a result of poorly prepared subfloors. Uneven or rough subfloors will create problems that will transfer to the floor. Prior to installation of any flooring, the installer must ensure that the job site and subfloor meet the requirements of these instructions. Flooret is not responsible for flooring failure resulting from unsatisfactory job site and/or subfloor conditions. Please follow the specific prep instructions for your subfloor.

Subfloor

REQUIREMENTS

Concrete:

Modin Rigid Vinyl Plank may be installed over on-grade, above-grade or below-grade concrete subfloors. Moisture emissions should not exceed 5.0 lbs per 1000 sq. ft. for 24

hours and should not exceed a relative humidity of 85%.

- Concrete subfloors must be hard, dense, and free from powder or flaking.
- New concrete slabs must be thoroughly dry (at least 60 days) and completely cured. The final responsibility for determining if the concrete is dry enough for installation of the flooring lies with the floor covering installer.
- Holes, grooves, expansion joints, and other depressions must be filled with a Portland cement, troweled smooth, and feathered evenly with the surrounding surface.
- Concrete floors with a radiant heating system are satisfactory subfloors provided the temperature of the floor does not exceed 85°F at any point. Before installation, turn on the heating system to eliminate any residual moisture and ensure the floor is installed at normal living conditions. See complete instructions below.

Wood subfloor:

Modin Rigid Vinyl Plank can go over virtually any sound wood underlayments/subfloors. Always fasten underlayment in accordance with the manufacturer's recommendations, to avoid squeaking and movement. Ensure the wood subfloor is flat, dry and sound.

Installing over existing Wood or Laminate flooring:

Wood or laminate floors may expand and contract if moisture reaches them, and that movement can telegraph to the rigid plank. For that reason, it is recommended to remove existing wood or laminate floors, especially in areas where moisture may reach them.

Existing subfloor:

Modin Rigid Vinyl Plank can be installed over a variety of finished floors including single layer resilient sheet floor and tile, ceramic, marble, and terrazzo. The surface must be in good condition and show no signs of excessive moisture conditions. Do not install flooring over heavily cushioned floors such as rubber or cork. or over tile installed over concrete below grade level. Do not install over any type of carpet. The grout joints in ceramic tile and marble must be leveled so they are flush with the tile surface. Additionally, the tile may require several skim coats to achieve a flat surface.

Electric heating mats that are not embedded into the subfloor are not recommended for use underneath Modin Rigid Vinyl Plank. Using electric heating mats that are not embedded and applied directly underneath Modin Rigid Vinyl plank floors could void the warranty for your floor in case of failure. It is best to install Modin Rigid Vinyl Plank



flooring heating systems and adhere to the guidelines listed above.

Modin Rigid Vinyl Plank can be installed over in-floor radiant heating systems provided the subfloor surface does not exceed 85°F at any point. The initial floor temperature should not exceed 70°F for 24 hours prior to and 48 hours after installation. Thereafter the temperature should be gradually increased to the desired setting, up to but not to exceed 85°F. Use of an in-floor temperature sensor is recommended to avoid overheating. Modin Rigid Vinyl Plank may be installed over gypsum-based subfloors.

Preparation

INSTALLATION

Please note that many old resilient floors, such as linoleum, were installed using "cutback" adhesives that may contain asbestos. Please consult with a professional prior to attempting to remove these old asbestos adhesives. It is recommended that the room be heated to normal living conditions at all times before, during, and after installation. This will ensure all neighboring materials to the floor are at their long-term dimensions.

Carefully examine the flooring prior to installation for color, finish, sheen, and quality. Ensure adequate lighting for proper inspection. If the flooring is not acceptable, contact Flooret immediately and arrange for a replacement.

General Subfloor Requirements:

- All subfloors must be dry, clean, smooth, level, free from all existing adhesive residues, and free from movement or deflection.
- The subfloors must be level within 3/16" in 10 ft.
- Fill and level all plywood seams and concrete cracks, construction joints, control joints, depressions, grooves or other irregularities.

Before Installing

Determine in which direction the planks will be installed. To make the room appear larger or if installing in very small rooms or hallways, it is preferable to lay the planks parallel to the longest room dimension. It is recommended to not install cabinets on the floors. Due to the texture of the floors water can leak underneath the cabinets. Installing cabinets on top of the floors also limits expansion space. Carefully measure the room to determine squareness and also to determine the width of the last row of planks. If the width of the last row of planks is less than 2", the width of the first row of planks will have to be cut accordingly.

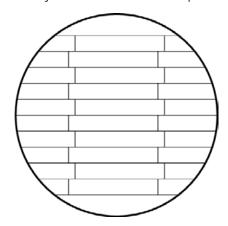
Think ahead of visual focal points, where having the floor be parallel to a wall is a priority (entries, long hallways, kitchen islands, etc). Measure carefully in advance to ensure that when the installation reaches these spaces the floor is still parallel. If not,

adjust your first row accordingly. When in doubt, start installing from an outside wall, which is usually the straightest and best reference (as opposed to interior walls).

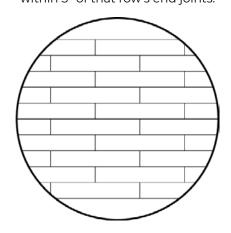
A note on floor layout

Follow these installation guidelines to ensure a floor that has a random layout with no visual patterns that catch the eye:

 Stagger end joints so they are at least 8" apart. You can usually use the cut end of the previous row to start your new row, but only if the end joints of are at least 8" apart.



 Avoid H-patterns by looking 2 rows back, and ensuring joints are not within 3" of that row's end joints.



Note: It is highly recommended to "dry lay" the floor prior to clicking planks together. This will give you an opportunity to change plank color layout, and spot any installation pattern mistakes. It is the installer's responsibility to determine the expectations of what the finished floor will look like with the end-user first and cull out any undesirable pieces. During installation, inspect the click mechanism and remove any debris that may prevent proper assembly of planks.

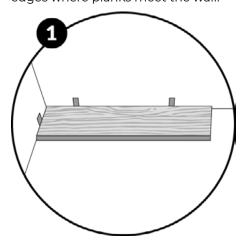
Installation

FOLLOW THE STEPS

Modin Rigid Vinyl Plank is engineered to be installed utilizing the floating method. Do not install cabinets or fixed objects on top of the Modin Rigid Vinyl Plank. Proper expansion space is required. Undercut all door jambs. Do not fasten wall moldings and or transition strips to the floor and planks.

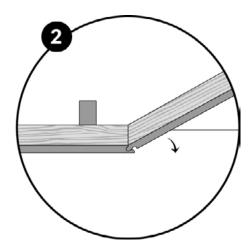
Step 1

Begin installation working from left to right. Insert spacers at ends and edges where planks meet the wall.



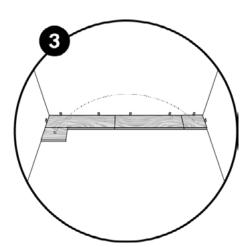
Step 2

Lock short end of plank by inserting the tongue into the groove at an angle. Drop in place. Continue to end of row.



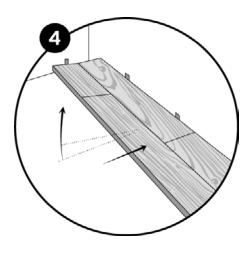
Step 3

Use leftover plank from the first row as a starter for the second row. There must be at least 8" between plank end joints on adjacent rows.



Step 4

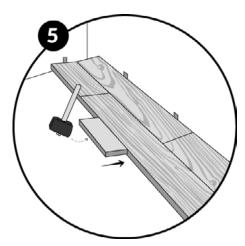
Lock long edge of the plank by inserting the tongue into the groove at an angle and drop in place. Slide plank toward the end of previously installed plank until the tongue just touches the groove.



Step 5

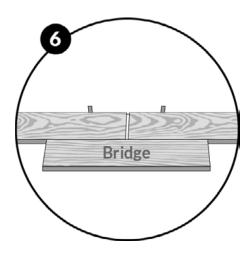
IMPORTANT! Use a hammer and tapping block to tap the long edge of the plank to ensure a tight fit.

ANY GAPPING CAN COMPROMISE THE LOCKING SYSTEM!



Step 6

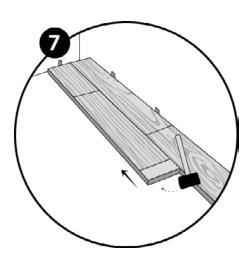
Attach a scrap piece of floor to bridge gap between ends of planks.



Step 7

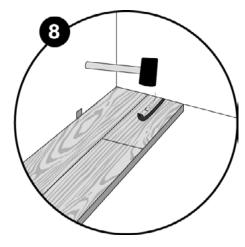
Tap end of plank with a heavy mallet and tapping block to lock ends of planks together. Remove the bridge and continue towards the wall until installing the final plank in the row.

NOTE! Modin Rigid planks weigh over 10 lbs, which is double the average vinyl plank and more than three times the average laminate plank. Make sure to use a heavy mallet and a tapping block that distributes the weight sufficiently.



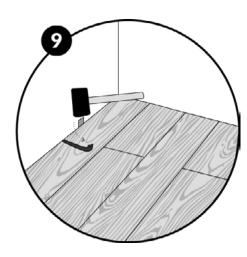
Step 8

Use a hammer and pull-bar to lock final piece in a row. Insert spacer at end of row. Continue installation to final row.



Step 9

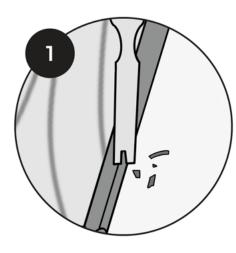
Use a hammer and pull-bar to lock long edges of planks on final row.

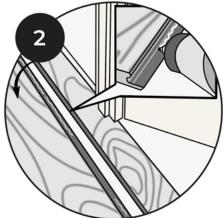


Door Jambs

WHEN ANGLING IS NOT POSSIBLE

Using a scrap piece of flooring, undercut the door casing and baseboard to the correct height. Depending on the layout, you can then click into place the final piece by either using a pull-bar or else cutting off the click mechanisms of the final piece and it's neighboring piece and gluing both pieces down. You can use this technique in any other place where angling is not possible. Use white PVA glue to glue the planks together. If using this technique against a wall, be sure to leave spacers between the plank and wall until the glue is dry.







Finishing the installation

 After all of the planks have been installed, remove spacers from the perimeter of the room.

Install transition moldings. Do not

- fasten any moldings through the flooring.

 Pre-drill and install quarter round or baseboard molding. Molding must be sufficient size to cover the 1/4" expansion space. Do not fasten moldings through the flooring.
- In order to protect the floors while other trades are finishing their work, paper will often be taped down to the floor. If this is done, be sure to use 3M Scotch-Blue™ 2080 Tape when adhering the paper to the floor. Certain other tapes may damage the finish.

Fasten into the wall.

- Furniture should be moved onto the newly installed floor using an appliance hand truck over hardboard runways.
- · Use felt-protectors on all furniture.

Post-installation temperature must be maintained between 0°F and 140°F. Relative humidity must be maintained between 40% and 70%.

Special

INSTALLATIONS

Bathrooms

Modin Rigid is 100% waterproof and ideal for bathrooms. If installed correctly, the click mechanism will prevent standing water from reaching the sub-floor for as long as 24 hours, usually long enough to allow evaporation. A little water reaching the sub-floor is usually nothing to be concerned about, as it too will dry out and evaporate. However, it is advisable to use caulking at the ends of the flooring, especially where the floor meets a bathtub, toilet, or sink, so that in the event of flooding the subfloor doesn't get fully drenched.

Stairs

Modin Rigid Vinyl Plank can be installed on stairs using Modin Rigid Treads and/or Stair Nosings. It is recommended on stairs that the planks be glued, to prevent movement. Please refer to the molding installation instructions for more details. Because stair moldings do not have the same EIR texture as the flooring, some customers prefer to build their stairs out of flooring material. This can be done using tile stair moldings, such as those made by Schluter Systems®.

Maintenance

FOR YOUR FLOORS

Proactive Protection for Your Floors

- Regularly sweep and vacuum your floors. Dust acts as an abrasive.
 Keeping your floors dust-free will prolong the life of your finish and wear-layer. Use walk-off mats at outside entrances to reduce the amount of dirt brought into your home. Do not use vacuums that use a beater bar or turn the beater bar off.
- When moving appliances or heavy furniture, we recommend laying a Masonite panel on your floor for the best protection.
 Use felt protectors on furniture to reduce indentation. As a general rule of thumb, the heavier the item, the wider the floor protector needed. We recommend felt pads at least 1" in diameter.
- Be careful with rolling casters. They can damage the floor. If you choose to use them, look for the widest possible wheel you can find.
- Place a walk-off mat at outside entrances to reduce the amount of dirt brought into your home.
- Avoid exposure to direct sunlight for prolonged periods of time.
 During peak sunlight hours, use drapes or blinds to minimize the direct sunlight on the vinyl flooring.
 Most types of flooring will be affected by continuous strong sunlight.
 In addition, excessive temperatures are not good for resilient floors.
 Some natural ventilation or intermittent air conditioning in vacant



- homes should be considered.
- Do not wax your vinyl flooring, or use any "mop and shine" products. The surface of your floor is very dense and nonporous, which prevents wax from penetrating and thus builds up a bed for yellowing and dirt collection. The same non-porous feature also provides all the protection against wear and staining that you will need.

If your floor has been exposed to excessive amounts of water due to flooding, do not panic, Modin Rigid Vinyl Plank is waterproof. Simply remove the water as quickly as possible using a water pump, fans, and a dehumidifier. A dehumidifier should be promptly turned on in the room to reduce the moisture levels back to normal. Do not dry the room below the normal moisture level that existed previously. You need to uninstall your floor to let the sub-floor fully dry out, or to fix any subfloor damage. Be careful to not damage the click mechanisms when removing the floor, and you should be able to re-install it with no problem.