

INSTALLATION INSTRUCTIONS OF WPC CLICK LUXURY VINYL PLANK

NO ADDITIONAL UNDERLAYMENT PAD NEEDED. USE OF ADDITIONAL UNDERLAYMENT PAD WILL CAUSE FLEXION AND WILL VOID WARRANTY. A PLASTIC MOISTURE BARRIER (6 MIL) IS REQUIRED PRIOR TO INSTALLATION ON CONCRETE SLAB.

INSTALLATION & MAINTENANCE INSTRUCTIONS

TOOLS REQUIRED

- Utility Knife
- Straight Edge
- Tape Measure
- Small Rubber Mallet
- Spacers
- Installation Block

Note: This product has pre-attached underlayment.

PRIOR TO INSTALLATION

- Carefully check the flooring material for any defects. Contact your supplier immediately if any defects are found.
- The room temperature must be no less than 65°F (18°C) for 24 hours before, during, and after installation.
- Remove quarter-round, baseboard molding, or cover base.
- Undercut doorway moldings to the thickness of the flooring.
- Cartons must be stored horizontally at all times.
- Protect carton corners from damage.

WOOD SUBSTRATES

Wood floors must be of double construction with a minimum thickness of 1", free from spring deflection. The top layer of plywood should be a minimum of 1/4" thick underlayment-grade plywood.

CONCRETE SUBSTRATES

RigidCore may be installed over on-grade, above-grade, or below-grade concrete subfloors. Concrete floors shall be constructed in accordance with the American Concrete Institute (ACI) 302.1 Guide for Concrete Floor and Slab Construction. Concrete must be finished and cured according to ACI and have a minimum compressive strength of 3500 psi. It is recommended to install a moisture vapor barrier prior to pouring on-grade or below-grade slabs. Moisture vapor transmission should not exceed 3 lbs. per 4000 sq. ft. / 24 hours as per ASTM F-1869 (Anhydrous Calcium Chloride test). Moisture can also be tested according to

ASTM F2170 (Standard Test Method for Determining Relative Humidity in Concrete Floor Slabs using in situ probes). When tested using this method, the internal relative humidity must not exceed 75%. RigidCore may also be installed over gypsum-based underlayments.

EXISTING FLOORS

RigidCore may be installed over most smooth, single-layer, hard surface existing floors. Check the flooring for any curled areas around the perimeter or at seams and repair as needed. Use a high-quality, cementitious-based embossing leveler to smooth and fill the existing floor.

WARNING

Do not sand, dry sweep, dry scrape, drill, saw, bead blast, or mechanically chip or pulverize existing resilient flooring, backing, lining felt, or asphaltic "cutback" adhesive. These materials may contain asbestos fibers or crystalline silica. Avoid creating dust. Inhalation of such dust is a cancer and respiratory tract hazard. This product contains no asbestos.

SUBSTRATE PREPARATION

- All substrates must be dry, clean, smooth, level, free from all existing adhesive residues, and free from movement or deflection.
- The substrate must be level within 3/16" over a 10 ft. area.
- Fill and level all plywood seams, concrete cracks, construction joints, control joints, depressions, grooves, or other irregularities with a latex-fortified, cementitious patching compound.
- Sweep and/or vacuum the substrate to remove all dust and debris.

GETTING STARTED

- RigidCore is a floating floor and should not be glued or nailed to the substrate.
- RigidCore is intended for indoor use only.
- Determine the direction in which the planks will be installed. It is preferred to lay the planks parallel to the longest room dimension.
- For floor surfaces exceeding 1225 ft² or lengths exceeding 35 ft in any direction, use expansion moldings.
- Do not install cabinets on planks.
- Carefully measure the room to determine squareness and the width of the last row of planks. The width of the last row cannot be less than 2", excluding the tongue. The width of the first row will need to be cut accordingly.
- A minimum of 5/16" expansion space is required around the perimeter of the room and all vertical objects.
- Inspect all planks for visible defects and damage in a well-lit area before and during installation. Do not install damaged planks. The original purchaser is responsible for the approval and acceptance of all products.
- During installation, inspect the groove area and remove any debris that may prevent proper assembly of the planks.

INSTALLATION

1. Begin laying planks from the left side of the starting wall and work to the right side. The tongue side of the plank should face the starting wall.

2. Place 5/16" spacers between the short and long sides of the planks and the wall. Always position one spacer between the wall and where the planks engage or join.
3. The end joints of the planks in the first row are assembled by inserting the tongue side into the groove side of the previous plank at a low angle. Gradually lower the plank laterally until the end joint closes, ensuring that the planks are perfectly aligned.
4. Install the remaining full planks in the first row.
5. The last plank in the first row will need to be cut. Measure the distance between the wall and the surface of the last full plank. Subtract 5/16" from this measurement to allow for the spacer. If this measurement is less than 8", the length of the first plank in the row must be cut. This will allow for a longer plank at the end of the row. The first and last plank in each row must be at least 8" in length. Planks are cut using a sharp utility knife and a straight edge/carpenter's square. Score the surface of the plank with a utility knife, then snap the plank at the score line.
6. The remaining piece cut off from the last plank in the first row may serve as the first plank in the second row, provided it is at least 8" long. Always stagger end joints from row to row by a minimum of 8".
7. Install the long side of the first plank of the second row. Remember to place a 5/16" spacer between the wall and the short side of the plank. Insert the tongue side into the groove side of the previous row at a low angle and lower laterally to the substrate.
8. Install the second plank in the second row. Position the long side of the plank with the tongue overlapping the groove of the planks in the previous row by approximately 1/8". Then angle the end joint into the previous plank. Angle the plank up and gently push forward until the plank locks into the previous row. Continue installing the remaining planks in the second row. It is important to ensure that the first two rows are straight and square, as they can affect the entire installation.
9. Continue working from left to right, row by row. Be sure to maintain a 5/16" space around all walls and vertical objects, and maintain a random appearance in grain design. Offset end joints by a minimum of 8".

FINISHING THE INSTALLATION

- After all planks have been installed, remove the spacers from the perimeter of the room.
- Install transition moldings. Do not fasten any moldings to or through the flooring.
- Pre-drill and install quarter-round or baseboard molding to the wall. The molding must be of sufficient size to cover the 5/16" space between the floor and the wall.
- Use plywood to cover the top of the flooring when moving heavy furniture or appliances into position.
- Use proper protectors under the legs and feet of the furniture.
- Post-installation temperature must be maintained between 55°F and 90°F, with relative humidity maintained between 40% and 70%.

MAINTENANCE

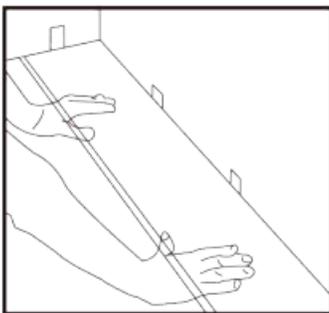
Please follow the recommendations in this guide to maintain the fresh look and protect the finish of the floor. After installation, we recommend a first cleaning to remove any loose dirt or debris that may have been introduced during the process. To protect the flooring surface from abrasive dirt and debris, we also recommend installing an effective barrier system to limit moisture, dirt, and grit from entering the flooring area. Before using any new cleaning agents, test them on a small, inconspicuous area of the floor. Avoid using harsh cleaners or ammonia-based cleaning products.

1. First, sweep and vacuum the floor surface to ensure the removal of all loose dust, dirt, and debris. Using a damp mop, scrub the flooring surface with warm, clean water, rung out several times or as needed. You may also use a dry mop or wet vacuum to remove excess water and allow the floor to dry.
2. Do not allow pets with unclipped nails to damage your RigidCore flooring, as this may cause severe

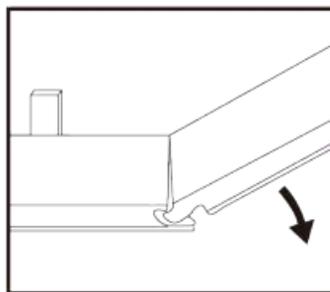
scratching to the surface. The same applies to high-heeled shoes that do not have proper tips on the heels.

3. Avoid exposure to direct sunlight for prolonged periods. During peak sunlight hours, use drapes or blinds to minimize direct sunlight on the RigidCore flooring. Continuous strong sunlight can affect most types of flooring. Additionally, excessive temperatures are not recommended. Long-term continuous indoor temperatures over 95°F combined with strong direct sunlight can damage the flooring and cause the installation to fail. Consider some natural ventilation or intermittent air conditioning in vacant homes.
4. Do not wax your flooring. The surface of your floor is very dense and nonporous, which prevents wax from penetrating. Wax buildup can cause yellowing and dirt collection. This same nonporous feature provides all the protection against wear and staining that you need.
5. If your floor has been exposed to excessive amounts of water due to flooding, do not panic. RigidCore is waterproof. Simply remove the water as quickly as possible. Use a dehumidifier to reduce moisture levels back to normal. Do not dry the room below the normal moisture levels that existed previously.

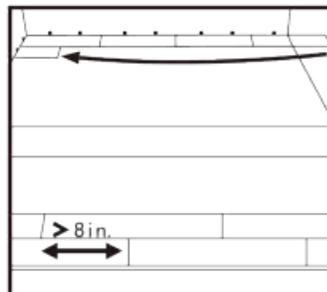
INSTALLATION GRAPHICS



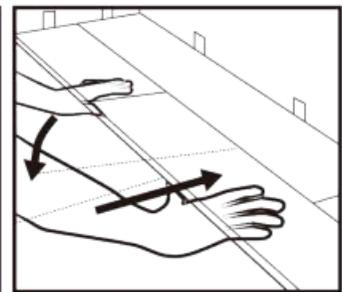
Step 1: Begin installation working from left to right. Insert 1/4" wide spacers at ends and edges where planks meet wall.



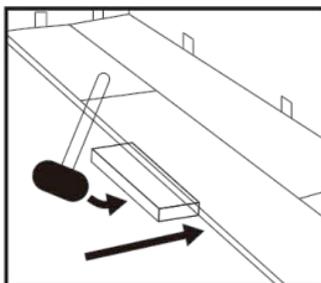
Step 2: Lock short end of plank by inserting tongue into groove at an approximate 30 degrees angle and drop into place. Continue this process throughout the installation.



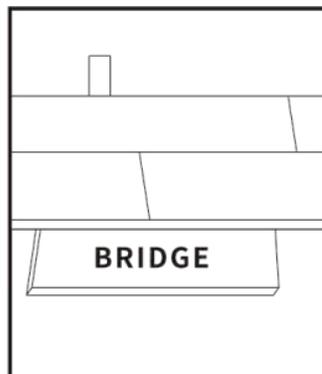
Step 3: Use the remaining plank from your cut piece to begin the next row (you will repeat this process throughout the installation). Note: It is recommended that you space end-joints by a minimum of 8 inches.



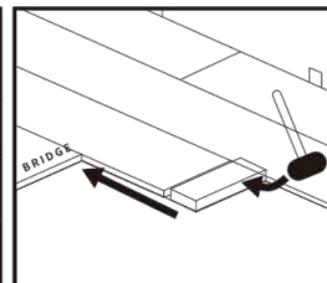
Step 4: Lock long edge of plank by inserting tongue into groove at an approximate 15 degrees angle and drop into place. Next slide toward end of previously installed plank until the tongue touches the groove.



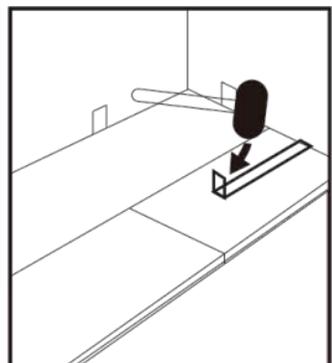
Step 5: IMPORTANT! Use a hammer and tapping block to tap the long edge of the plank to ensure a tight fit. Note: Tapping block should be a minimum of 10" to 12" long. It is important to note that any/all gapping can/will compromise the locking system.



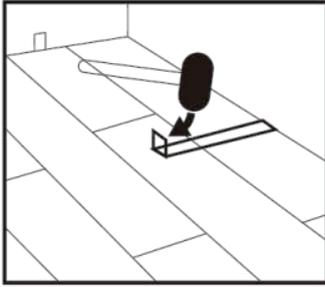
Step 6: Attach a scrap piece of floor to bridge gap between ends of planks.



Step 7: Tap end of plank with hammer and tapping block to lock ends of planks together. Remove support bridge and continue with this method until you have completed installing the row. Note: BE SURE TO TAP ON EDGE OF VINYL SO AS NOT TO DAMAGE LOCKING PROFILE.

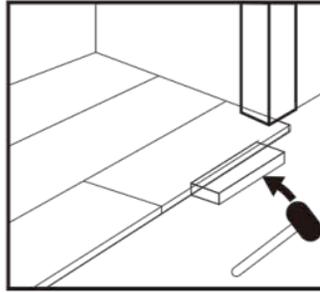


Step 8: Use hammer and pull bar to lock final piece in row. Insert spacer at end of row. Continue installation to final row.

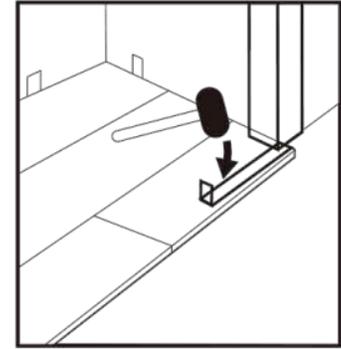


Step 9: Use hammer and pull bar to lock long edges of planks on final row.

INSTALLING UNDER DOOR JAMBS:



Step 1: Undercut door jamb to provide space to allow plank to slide freely. Tap long edge with hammer and tapping block to lock long edge.



Step 2: Use hammer and pull bar to draw and lock short end of plank.

-PLEASE NOTE-

The use of a tapping block is not necessary to install your floor. The use of a tapping block, pull bar, and rubber mallet must be used delicately to not damage the connection system or physical appearance of the floor. Damage resulted from misuse of a tapping block or mallet will not be accepted and all warranty will be void for material affected.

LENGTH of AREA

WIDTH of AREA

X	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
2	4	6	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40
3	6	9	12	15	18	21	24	27	30	33	36	39	42	45	48	51	54	57	60
4	8	12	16	20	24	28	32	36	40	44	48	52	56	60	64	68	72	76	80
5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100
6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96	102	108	114	120
7	14	21	28	35	42	49	56	63	70	77	84	91	98	105	112	119	126	133	140
8	16	24	32	40	48	56	64	72	80	88	96	104	112	120	128	136	144	152	160
9	18	27	36	45	54	63	72	81	90	99	108	117	126	135	144	153	162	171	180
10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200
11	22	33	44	55	66	77	88	99	110	121	132	143	154	165	176	187	198	209	220
12	24	36	48	60	72	84	96	108	120	132	144	156	168	180	192	204	216	228	240
13	26	39	52	65	78	91	104	117	130	143	156	169	182	195	208	221	234	247	260
14	28	42	56	70	84	98	112	126	140	154	168	182	196	210	224	238	252	266	280
15	30	45	60	75	90	105	120	135	150	165	180	195	210	225	240	255	270	285	300
16	32	48	64	80	96	112	128	144	160	176	192	208	224	240	256	272	288	304	320
17	34	51	68	85	102	119	136	153	170	187	204	221	238	255	272	289	306	323	340
18	36	54	72	90	108	126	144	162	180	198	216	234	252	270	288	306	324	342	360
19	38	57	76	95	114	133	152	171	190	209	228	247	266	285	304	323	342	361	380
20	40	60	80	100	120	140	160	180	200	220	240	260	280	300	320	340	360	380	400

*Please account for 5%-10% more material than needed for project