

# AttainSilence & Attain

Attain 4.2mm Click over 1mm ECOsilence,  
Attain 4.2mm Click



## AttainSilence Click 4.2.1 & Attain Click 4.2

### Technical Manual

Installation • Maintenance • Warranty

Manufactured in the U.S.A. by:

**ecore**

Revised 02/06/2018  
Supersedes all previous versions  
Check website for updates

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## INSTALLATION

**IMPORTANT:** Areas to receive flooring must be weather tight and maintained at a minimum uniform temperature of 65° F (18° C) for 48 hours prior to, during, and after installation. Failure to comply could result in flooring failure.

### I. MATERIAL STORAGE AND HANDLING

#### A. Proper Acclimation of Materials

1. Deliver the material to the job site in its original unopened packaging with all labels intact and stored appropriately to prevent damage.
2. Inspect all material for visual defects before beginning the installation. Ecore will honor no labor claim on material installed with any visually apparent defects.
3. Verify the material delivered is the correct type, thickness, and amount. Report any discrepancies immediately.
4. The ECOsilence1 and Click LVT must be acclimated at room temperature for a minimum of 24 hours before starting the installation.
5. Roll material is stretched slightly when it is rolled at the factory. At the job site, the installer should allow all cuts to relax before gluing down. Shaking the material once it is unrolled can help it to relax more quickly.

### II. SITE CONDITIONS

#### B. GENERAL CONDITIONS

1. All areas where Click LVT tile and plank will be installed must have a working heat and air conditioning source operational for a minimum of one week prior to installation and remain in operation during and after installation. Conditions should be at the same temperature and humidity level expected during normal use (between 65-85 F / 18-29 C with relative humidity no greater than 65%). It should NEVER be installed outdoors.
2. Click tile and plank should be acclimated in the climate-controlled location for 48 hours before starting installation."
3. The finished Click tile and plank installation should be protected from exposure to direct sunlight and Cartons should be evenly stacked no more than five high on a flat surface.
4. Click tile and plank should only be installed after the jobsite has been cleaned and cleared of debris that could potentially damage a finished plank installation.
5. During the Click tile and plank installation, mix and install tiles and planks from several different cartons to minimize shade variation.

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### III. SUBFLOOR INFORMATION

#### A. Concrete Subfloors

1. Concrete subfloors must be dry, smooth and free from dust, solvent, paint, wax, grease, oil, asphalt sealing compounds and other extraneous materials.
2. New concrete slabs must be thoroughly dry (at least six weeks) 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. Moisture levels of concrete slabs before, during and after installation must 75% RH (ASTM F2170) and pH must be between 7.0 and 9.0.
3. Roughness or unevenness of the subfloor may telegraph through the new floor. Unevenness in the subfloor can also cause problems with the structural stability of the locking system and possibly cause the Click tile and plank to disengage. All subfloors should be smooth and flat with the tolerance not exceeding more than 1/8" in a 6' span. All subfloor and underlayment patching must be done with a non-shrinking, water-resistant Portland cement patching compound.
4. Holes, grooves, expansion joints and other depressions must be filled with a Portland cement-based underlayment and troweled smooth and feathered even with the surrounding surface.
5. Temperature of Concrete Subfloors should be maintained between 18°C and 21°C.
6. Before installation, turn on the heating system to eliminate any residual moisture.

#### B. Wood Subfloors

1. Wood subfloors must be suspended at least 18" (457mm) above the ground. Adequate cross-ventilation must be provided, and the ground surface of a crawl space must be covered with a suitable vapor barrier.
2. Wood subfloors directly on concrete or installed over sleeper construction are NOT suitable for the installation.
3. All wood and wood composition panels, including plywood, OSB, flake board and particle boards, can be used providing they are smooth, flat, structurally sound and free of deflection.
4. A 1/4" underlayment panel should be installed over the subfloor if the surface of the wood subfloor is not smooth.

#### C. Existing Floor Coverings

1. If wear condition and flatness on existing PVC floor coverings is in good condition, it can be installed on the most of hard PVC floor coverings.
2. Ceramic tile should be made smooth by applying a cementitious overlay such as patching or leveling compound to smooth out grout joints.
3. Heavily cushioned vinyl flooring or vinyl flooring consisting of multiple layers are NOT suitable subfloor for installation.
4. In some cases, it may be required to use an adhesive at the places like stairs and slope way.

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### IV. INSTALLATION

**Note: If installing Attain Click only, skip to step B.**

#### A. ECOsilence1 Layout

1. If you have not already done so, remove the shrink-wrap from the roll of ECOsilence1 and unroll it onto the floor. Shaking the material once it is unrolled can help it to relax.
2. Place the ECOsilence1 material so that it is perpendicular to the subsequent installation direction of the topping material (see diagram #3).

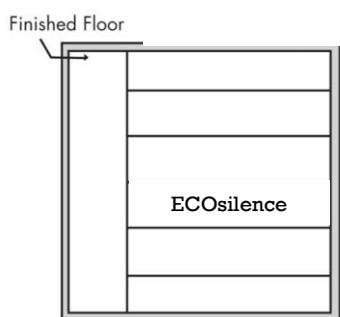


Diagram #3

3. Use high quality 2" or 3" wide duct tape to secure all joints and seams.

#### B. Plank and Tile Layout

1. Do not secure individual planks or tiles to the subfloor as it is designed to be a floating floor. All doorjambes should be undercut and cabinets cannot be installed on top of Click tile and plank. Wall moldings and transition strips should be installed at any exposed plank edges but should not be fastened through the planks.
2. Before installation, check the product color, batch number and any flaws verified visually. It is the installer's responsibility to inspect the flooring prior to installation to ensure that there are no visual defects. Do not install flooring with visible defects. If visible defects are present, contact your retailer immediately.
3. First, determine how you want the flooring to run. Typically for plank products, the flooring runs the length of the room. There may be exceptions since it is all a matter of preference.
4. To avoid narrow plank widths or short plank lengths near the walls/doors, it is important to do some pre-planning. Using the width of the room, calculate how many full boards will fit into the area and how much space remains that will need to be covered by partial planks. Divide the remaining space by two to calculate the width of the partial planks. Do the same along the length. Walls are not always straight. Snap a chalk line for your first row to follow.

**Note:** If the first row of planks does not need to be trimmed in width, it will be

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5. 5/16" expansion gaps should be kept from the wall during the installation. This will allow space for the natural expansion and contraction of the planks.
6. The planks should be installed from left to right. From the top left corner of the room, put the first plank in place so that both the head and side seam grooves are exposed.
7. Install the second plank in the first row by angling the short side tongue into the short side groove of the first plank. Continue installing additional planks along the first row using the same angling method.
8. To start the second row, cut a plank that is at least 6"(152mm) shorter than the first plank in the first row (you may use the left over from the last plank of the first row). Then install this first plank by inserting the long side tongue into the groove of the plank in the first row.
9. Install the second plank in the second row by inserting the short side tongue into the previously installed first plank short side groove.
10. Align the plank so the long side tongue tip is positioned just over the groove lip of the plank in the first row.
11. Using gentle force and at a 20–30 degree angle, push the long side tongue into the groove of the adjoining plank by sliding along the short side seam.
12. The remaining planks can be installed in the room using the same technique. You may need to lift the plank to the left of it slightly to allow for the "sliding" action.
13. Make sure the required expansion gaps are maintained against all fixed vertical parts (such as walls, doors, cabinets etc).
14. The planks can be cut easily with a utility knife, just score the top of the plank and snap the plank in two.

**NOTE:** All of the above guidelines should be followed when installing tiles.

### C. Repairs

1. In the unlikely event that a piece of Click tile and plank is damaged for whatever reason, the simplest method of repair is to disconnect the planks or tiles carefully (protecting the tongue and groove edges) until the damaged piece can be removed. Then replace the damaged piece with a new one and reassemble the disconnected planks or tiles. This typically works for planks or tiles that are closest to the two long walls of a room. For damaged pieces that are not close to the perimeter, you may have to remove the damaged pieces and insert new pieces without the short and long end grooves.
2. Using a sharp utility knife and a straight edge, cut out the damaged piece by leaving approximately 1" strip attached to the adjacent pieces.
3. Carefully cut back from the four corners of the plank or tile to the inside edges in space left by the cut out piece.

## MAINTENANCE

4. Remove the plank or tile edges carefully from of the adjacent pieces making sure the tongues and grooves of the adjacent planks or tiles are not damaged.
5. Using a utility knife, remove the tongue strip on both the long and short ends of the replacement piece. In addition, remove the groove strip of the short end of the replacement piece.
6. Place some double-sided carpet tape along the three sides of the adjacent piece where the tongues and the groove of the replacement plank or tile have been removed. Only the top side release paper of the carpet tape should be removed. The bottom side release paper should NOT be adhered to the subfloor.
7. Position the replacement plank or tile by engaging the groove of the long side into the tongue of the adjoining piece and pushing down on the other three sides. The carpet tape will hold the replacement piece in place with its adjacent planks or tiles. Use a hand roller to further secure the tape.

### V. MAINTANENCE

#### A. Maintenance Considerations

1. Clean up spills immediately.
2. Sweep or vacuum the floor regularly and damp mop weekly.
3. Do not use soap based detergents or abrasive cleaners.
4. To avoid possible permanent indentation or damage, proper floor protection devices must be used under furniture and appliances.
5. Exercise care when removing and replacing furniture or appliances.

## WARRANTY

Ecore Commercial Flooring guarantees that the following product will be free from any manufacturing defects and that it will provide a minimum of 10 years serviceable life in normal wear and tear circumstances.

This guarantee is dependent upon strict adherence to the following conditions:

1. The respective products are installed strictly in accordance with the instructions as described in the Technical Information Manual and to the prescribed Industry Standard and with an ECF approved adhesive and in accordance with the manufacturer specification.
2. The products are maintained strictly in accordance with the instructions contained in the products' respective maintenance instructions.
3. Adequate entrance barrier matting protection is provided as detailed by ECF.

ECF reserves the right to send an authorized representative to verify any claim and to confirm or not any manufacturing defects. ECF may also request samples of material to be returned to the factory for inspection and testing by our Technical Department.

In the unlikely event of the product being found to be defective, ECF will pay reasonable uplift and relay-costs and provide sufficient replacement material for the affected area.

In providing this guarantee at no extra cost to the end user, ECF reserves the right to offer an alternative color or equal product should a direct replacement no longer be available. This guarantee does not cover defects arising from excessive moisture, chemical reaction, corrosion, extremes in temperature, abuse and abnormal usage above which the product is specified, scuffs, scratches, indentations.

ECF LVT should never be installed over any existing floorcovering or old existing contaminated concrete subfloor.

Wear from chairs or other furniture without proper floor protectors will void the warranty. Care should be taken to protect the flooring from damage by using good quality protective feet for chairs, tables, and other furniture. Chair mats are required under chairs with casters/wheels.

Prior to commencing any replacement work, ECF or their agent reserves the right to visit the installation to investigate the cause of the problem. If ECF agrees that the product is at fault, they will arrange with the installer the remedial course of action, and will then carry out the necessary work. The replacement will cover the immediate affected area. ECF will not accept or be liable for any liquidated damages or other costs not included in the aforementioned statements. This guarantee does not affect the individual's statutory rights with regard to both the product and services supplied. This guarantee is non-transferable. Proof of purchase will be required for any claim.

# **AttainSilence and Attain Click**

**877-258-0843 – [www.ecorecommercialflooring.com](http://www.ecorecommercialflooring.com)**

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