

## COMPLETE INSTALLATION INSTRUCTIONS

Installation Method: Angle/Angle& Angle/Tap

### Please read complete instructions before commencing installation

Cyrus floors are designed for easy, snap-together installation. Cyrus floors can be installed:

- in rooms on, above or below ground level
- over plywood, OSB or concrete subfloors
- directly over most existing hard surface flooring
- over radiant heating systems

### INSTALLER'S / OWNER'S RESPONSIBILITY

Cyrus floors are manufactured to the highest standards of product quality, but occasional manufacturing defects may occur in the product. It is the sole and joint responsibility of the installer and owner to conduct a quality inspection of all pieces of Cyrus floors before installation. Any pieces of flooring that appear to contain a manufacturing defect should not be installed. Flooring that has been installed will be deemed to have been inspected and accepted by the installer and owner, even if the owner is not present at the time of installation. If defects are found, please contact your dealer. It is the sole responsibility of the flooring installer to ensure that the job site, subfloor and installation and materials meet or exceed all applicable industry standards. Cyrus floors accept no responsibility for problems arising from incorrect or improper site preparation or installation procedures.

**Important: SPC is a waterproof product, but it is not a vapour barrier. Crawl spaces still need adequate ventilation and exposed earth must be covered by a 6mil poly vapour barrier (min. 12" overlapped joints). Concrete slabs must be cured and dry (min. 60 days old) with no evidence of moisture.**

### SITE PREPARATION:

#### INSTALLATION IN NEWLY-CONSTRUCTED HOME

Installation of flooring is one of the last jobs of new home construction. Prior to installing a VCC floor, ensure that:

- the building is completely enclosed with all outside doors and windows in place and securable, including a door from an attached garage to house interior
- all concrete, masonry, plastering, drywall, texturing, painting and other wet work is complete and thoroughly cured and dry
- all floor-mounted cabinetry (including kitchen islands, bathroom vanities, etc) is installed and secured
- basements and crawlspaces are dry. Crawlspaces must have no standing water; crawlspaces must also have a vapour barrier and adequate ventilation in accordance with local building codes.
- gutters and downspouts are in place, directing water away from the building
- HVAC systems are fully operational, enabling heat and humidity levels to be controlled and maintained throughout the home. A temperature range of 60-80°F (15-26°C) should be maintained before, during and after installation subfloor is properly prepared for installation
- if installing over radiant heat, ensure that the system is in full working order and has been fully tested and running for a minimum of two weeks prior to installation. The system should be turned off for 24 hours prior to installation in the install zone.

## INSTALLATION IN EXISTING HOME (RENOVATION)

Installation in an existing home must meet the same condition as a new home. If part of a larger remodeling project, ensure that all wet work (painting, wallpapering, texturing, etc) is completed and thoroughly dry before commencing flooring installation. In addition:

- remove all furniture, artwork and other valuables from the installation area
- remove baseboards and mouldings
- undercut door casings (use a piece of the flooring as a depth gauge)
- remove existing flooring, if necessary
- if installing over radiant heat, it is strongly recommended that a radiant heat technician be consulted prior to installation to ensure that the heating system can be operated effectively at temperatures acceptable to the wood flooring. The system should be turned off for 24 hours prior to installation in the install zone.
- all floor-mounted cabinetry (including kitchen islands, bathroom vanities, etc) is installed and secured

## SUBFLOOR PREPARATION

Cyrus Vinyl Composite Core flooring is waterproof but to ensure the health and safety of your home, it is strongly recommended to eliminate all sources of moisture before commencing installation.

The installer and customer are jointly and solely responsible for ensuring that the subfloor is suitable for the flooring application and properly prepared for installation.

**All Subfloors** must be clean, dry, structurally sound, and flat to within 3/16" in 10'.

**Wood/Plywood Subfloors** must be tested for moisture content according to NWFA guidelines, the subfloor moisture content should not exceed 12%. Subfloors must meet local building code requirements (US: minimum 3/4" T&G plywood or 23/32" T&G OSB. Canada: minimum 5/8" T&G plywood or 3/4" T&G OSB). They must be secure to the joists, free of squeaks, bounce between floor joists and protruding fasteners.

**Concrete Subfloors** must be fully cured and dry (60 days) prior to installation.

For **commercial installations**, the slab must be tested for relative humidity using an approved testing method (ASTM F2170-11 or equivalent) and must return a reading of 85% RH or less.

For **residential installations**, the slab may be tested for relative humidity using an approved testing method (ASTM F2170-11 or equivalent) and must return a reading of 85% RH or less or moisture content may be measured using a Tramex Moisture Meter.

**Gypsum Subfloors** must be fully cured (30 days) prior to installation. Moisture content should be measured using a Tramex Moisture Meter or equivalent and return an emission rate of 5 lb / 1000 sq/ft / 24 hours or less.

When in situ **Relative Humidity** testing is not possible, moisture content must be assessed using a Tramex Moisture Meter or equivalent device. If the slab is true concrete, the emission rate must be 3 lb / 1000 sq/ft / 24 hours or less. If the slab is lighter weight gypsum concrete (eg Gypcrete), the emission rate must be 5 lb / 1000 sq/ft / 24 hours or less.

**Note: Prior to flooring installation, ensure that the radiant heat system is in full working order and has been fully tested and running for a minimum of two weeks prior to installation. The system should be turned off for 24 hours prior to installation in the install zone.**

## ACCLIMATION

Before installation, make sure that the flooring is at the same temperature as the install site; depending on the time of year this may take 24-48 hours for the flooring to become balanced to the install site's interior temperature.

## UNDERLAY

When installing these products, a separate underlay is not required.

Where additional height is required to match an existing floor, a rigid underlayment (4mm or 6mm cork) or other rigid materials (plywood, OSB etc.) may be used under Cyrus floors without affecting the performance or warranty of the Cyrus SPC flooring. All pre-installation preparations such as floor flatness, dryness etc. must be completed prior to installation.

## STARTING WALL

Orient the installation so the boards are parallel to incoming sunlight and select your starting wall. Check it for straightness. If it is not straight, you may need to trim the edge of the first row of floorboards to match the shape of the wall. Calculate how many rows of flooring will be required for the job. You will probably have to rip down (cut lengthwise) the final row of boards to fit. The final row must be at least half a board width wide to ensure the integrity of the joint. If it will not be half a board width, then rip down your starting row enough to make up the difference.

## EXPANSION SPACE

To allow for this, leave a 3/8" (8mm) expansion space around the entire perimeter of the floor between the flooring and the walls. Also leave expansion space where the flooring will meet any vertical obstacle, such as stairs, pipes, door sills, tiles, cabinets etc. Have a supply of 3/8" (8mm) spacers on hand during installation.

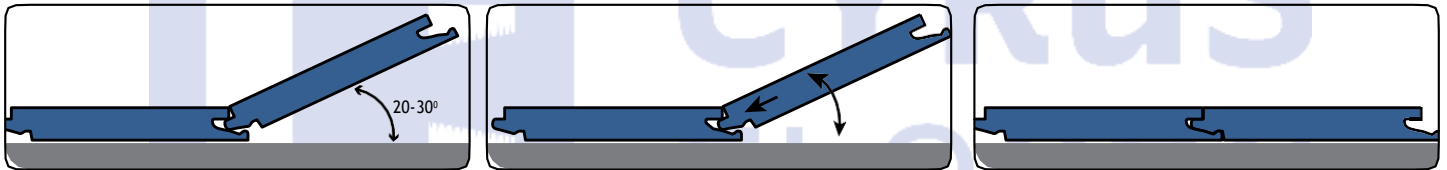
Areas in excess of over 40' in any direction, will require a T-mold transition strip.

## INSTALLATION

Note: The patented Unilin locking joint system used in this flooring enables boards to be fitted together in two ways. Remember: do not use glue when installing this product.

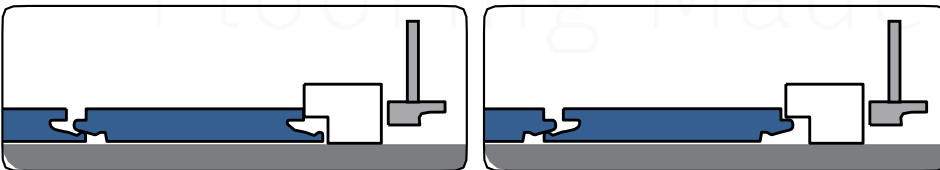
### Angle/Angle Installation:

Hold the new board at an angle of 20 to 30° to the previously installed board, and engage the tongue and groove joint the butt end of the boards. Move the new board gently up and down while exerting gentle pressure along the long side of the board. The long side joint will click into place, locking the joint. This is the easiest method for installation and should be used for most boards.



### Angle/Tap Installation:

The new board is laid flat on the floor aligned to the previously installed board and, using a specially designed Unilin tapping block (available from your dealer) the boards are tapped together gently until the joint locks. Do not try to close the joint with a single hit on the block; use a series of light taps until the joint closes completely. It is important to avoid damaging the locking system. Broken locking systems are not covered under warranty. This method should only be used in situations where the Angle-In method is not feasible, or for tapping closed joints that have not locked completely.



If a board cannot be angled into place – if it is under a door jamb or other obstacle, for example – use the flat installation method. Lay the board flat on the floor and, using a special Unilin tapping block and hammer, gently tap along the edge until the joint is closed. Tap gently and repeatedly; do not use excessive force. To close a butt joint, use a series of light taps. To close a long side joint, tap gently and repeatedly along the entire length of the joint.

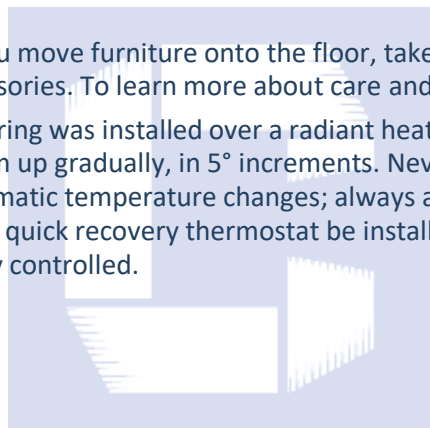


Continue with the installation throughout the rest of the room. When you get to the final row, measure the distance to the far wall and ‘rip’ a row of boards to fit the gap – remember to leave 3/8” (8mm) expansion space against the far wall.

That’s it! Your new Cyrus floor is installed! To finish the job, remove the expansion spacers. Install moldings, trim and transitions. Moldings and transitions must be affixed either to the subfloor or to the wall – never to the flooring itself.

Before you move furniture onto the floor, take a moment to protect your new floor by putting felt pads on all furniture and accessories. To learn more about care and maintenance of your Cyrus floor, please see the Product Warranty.

If the flooring was installed over a radiant heating system, when you turn the system back on bring the temperature of the system up gradually, in 5° increments. Never allow the surface temperature of the floor to exceed 82°F (28°C) and avoid dramatic temperature changes; always adjust the system gradually in 5° increments. It is recommended that a dedicated quick recovery thermostat be installed to allow the temperature of the radiant heating system to be accurately controlled.



**FLOORS**

Flooring Made Easier