

Canadiana Algonquin Series SPC Installation and Maintenance Instructions

Algonquin SPC Plank style tile is recommended for 3 season homes, New Construction, Residential and Light Commercial applications. No gyms, SPA's or Steam Rooms.

Substrates: Proper care and preparation of the subfloor is crucial to a satisfactory installation.

All subfloors - Wood, Concrete or Underlayment panels must be flat and level to 4.8mm (3/16") in 3048mm (10 ft) or 0.8mm (1/32") in 305mm (12"). **Concrete Substrates** must conform to ASTM F710 and panel underlayment's ASTM F1482. On Concrete a Minimum 16mm (5/8") expansion at the perimeter and vertical Surfaces must be maintained. ASTM F2170 IN Situ RH tests - RH not to exceed 85 %. ASTM F1869 with levels not to exceed (5lbs / 1000sf. / 24 hrs.). A functional moisture vapour barrier must be in place under newly poured concrete slabs that are on or below grade, and must have declining RH values. Below and on grade concrete installations require a 6mil polyethylene vapour barrier with a 150mm (6") overlap on all joints; all seams must be sealed with Tuck tape.

Wood: Minimum 6.35 mm (¼") gap around the perimeter of the floor including all vertical surfaces. All suspended wood substrates must be a minimum of 457.2 mm (18") above the ground and a minimum 10mm (0.394") vapour barrier installed to cover the ground with a 150mm (6") overlap on all joints and taped with Tuck Tape and cross ventilation must be provided. Wood fastened directly over concrete is not allowed. Proper Cementitious patching compound must be used to properly level and fill any irregularities on either wood or concrete substrates.

The suitability of the floors is the Installers responsibility.

Handling & Installation Conditions

Best Practices says Cartons must be stored flat in the room they are to be used in. Cartons should be stacked no more than 3 high with space between the cartons to allow proper acclimation for a minimum of 48 hours prior to installation.

Room temperature must be between 15°c - 28°c (55°f - 82°f and Relative Humidity must also be maintained at 45 – 65%. Both Temperature and Humidity levels must be maintained for a minimum of 48 hours prior to, during and after installation.

Installation should not be started until all other construction is complete. Including, Drywall, painting etc. and before the final woodwork and trim.

Algonquin SPC Plank must be installed with a minimum 6.35 mm (1/4") gap around the perimeter of the floor and at all vertical surfaces. A transition moulding must be installed on all installations over 15.2 x 15.2 m (50' x50'). Transition mouldings should be installed at all doorways.

Doorjamb and casings must be undercut to allow the flooring to float and maintain a 6.35 mm (1/4") gap.

Algonquin SPC Plank cannot be installed under kitchen cabinets, Islands, fixed millwork, heavy furniture, or baseboards which pinch the flooring and restrict its ability to float. Trim must not be nailed in any way to restrict the floating characteristic of the flooring.

Algonquin SPC Plank can be installed over Hydronic radiant heated floors up to a maximum temperature of 29° C (84°F). Electric under floor heating systems – Check with the manufacturer and their warranties.

Installation

Check that all material is from one (1) dye lot. Ensure you have the correct colour before Proceeding. Mix product from several carton as you install. Check tongues and grooves to ensure there is no damage to these components and put aside any planks which are blemished or do not match the colour tolerances or are damaged. Algonquin SPC tile has an attached back. Do not install any other cushion as it will jeopardize the install.

All end joints must be staggered a minimum of 200mm (8") for strength and stability. Vary this as you go row to row to give a more realistic appearance. Use spacers to maintain ¼" gap along the wall for the first row. 2nd row you angle the tongue into the groove of the first row plank. Planks can be scored and snapped across the width. "L" shapes or curves must be cut using a fine tooth multipurpose saw blade. The backing can be cut with a sharp knife. The last row must also allow for the minimum perimeter gapping. Once the floor is installed remove all spacers.

Cleaning and Care

Do not use any solvents, ammonia, acidic or abrasive cleaners. Use flooring neutral PH cleaners sparingly. Water should never be poured on the floor. Place mop into cleaning solution, wring till almost dry (not saturated) clean the floor. Rinse with damp mop and clean water. All wet areas, Bathrooms and Kitchens should have a clear 100% silicone applied between the wall and tile and around bathtubs and toilets to prevent water from infiltrating the substrate. If water gets under the tile it can cause mould and rot. Do not use wax on the floor. High stiletto styled heels can permanently damage the floor. Dirt sand and grime should be swept or vacuumed on a daily basis. Proper clean floor protectors must be used on all tables & chairs and changed frequently to prevent damage to the floor. In light commercial situations chair pad protectors should be used to prevent damage to the tile.

For complete Installation Instructions please visit our web site:

www.centura.ca/algonquinspc