

## NexxaCore™ Engineered Vinyl Flooring Installation Instructions

### GENERAL GUIDELINES

READ INSTRUCTIONS CAREFULLY BEFORE INSTALLATION. Contact your dealer/distributor with any questions or visit [www.lincoenterprises.com](http://www.lincoenterprises.com)

Flooring should be one of the last items installed in any new construction or remodel project.

Inspect ALL materials carefully for color, finish, sheen and defects BEFORE installation. Warranties DO NOT cover materials with visible defects once they are installed.

Samples are designed to be close representation of the actual product. The finished flooring may contain varying ratios of knots, saw marks, splits, cracks, streaks, color contrasts. Samples under varying light sources including sunlight and room colors may appear differently than the actual floor it represents.

While NexxaCore Engineered Vinyl Flooring is water-proof, it's not a moisture barrier. It's good practice to test for moisture and action accordingly. Moisture can get in the walls and structure of a home

Store flooring boxes flat and fully supported during shipping and storage

Acclimate flooring for 24 hours before installation at normal living temperature 65-80°F

Avoid direct sunlight exposure to minimize thermal degradation and potential adverse effects on flooring.

Installations in facilities where walkers and wheelchairs are used (i.e. Residential and or extended care) or in facilities with movement of heavy displays, racks, dentist chairs, etc. may exert extreme stress and compromise the surface and locking system.

**Should there be any doubts to the quality, dimensions and appearance, the installer should not install flooring. INSTALLATION IS ACCEPTANCE.**

### JOBSITE REQUIREMENTS

It is the responsibility of the installer/owner to determine if the job site subfloor and job site conditions are environmentally and structurally acceptable for vinyl floor installation. Linco Enterprises, Inc. declines any responsibility for vinyl floor failure resulting from or connected with subfloor, subsurface, job site damage or deficiencies after vinyl flooring has been installed.

NexxaCore™ Engineered Vinyl Flooring is designed to be a floating floor installation on, above or below grade.

Crawl spaces must be a minimum of 18" from the ground to the underside of joists. Adequate cross ventilation must be provided (1.5% of crawl space sf) A Ground cover of 6-20 mil polyethylene film must be provided as a moisture barrier with 6" overlap at the joints (sealed with moisture resistant tape)

All installed areas must have a working heater & air conditioner to provide normal living conditions for minimum of one week prior to installation and for duration of the flooring use. Normal living conditions include indoor temperature of 65–80°F and relative humidity of 35-55%.

### SUBFLOOR REQUIREMENTS

NexxaCore™ Engineered Vinyl Flooring can be installed over concrete, wood subfloors and most existing hard-surface floor coverings.

All subfloors must be dry, clean (swept of any debris), structurally sound and level within 3/16" per 10 foot radius.

Wood subfloors must be suspended minimum 18" above the ground. Check if well secured; nail or screw every 6" along joists to avoid squeaking. If not level, sand down high spots and fill low spots with a Portland cement-based leveling compound.

Concrete subfloors must be fully cured for a minimum of 60 days and tested for moisture. Concrete moisture vapor emissions should not exceed 8lbs (ASTM F1869) or 90%RH (ASTM F2170) with a pH limit of 9. For floors outside of this range a minimum 6 mil polyfilm required between concrete and ground. Subfloor moisture prevention limits the potential growth of harmful bacteria and mold. If not level, grind down high spots and fill low spots with a Portland cement-based leveling compound.

To install over existing hard-surface flooring, check to see it's well bonded to subfloor and level. Heavily cushioned vinyl flooring or vinyl flooring consisting of multiple layers are NOT suitable subfloor for installation. Apply cement based leveling compound to level. **Do not sand existing vinyl as it may contain asbestos. Take proper precautions and contact an asbestos abatement company to remove old vinyl.**

#### TOOLS NEEDED

Tape Measure, spacers, rubber mallet, pencil, straight edge, power saw

**Do not use tape or adhesive products of any kind onto the surface. Doing so may discolor and/or damage finish.**

BEFORE installation inspect material in proper light source for defects.

Doorjambes are recommended to be undercut and cabinets cannot be installed on top flooring.

Wall moldings and transition cannot be fastened to the planks.

Mix boards from several boxes to ensure a good color and shade mix.

#### INSTALLATION

Decide direction to lay flooring. Measure width/length of room and calculate plank width of the last row. Avoid being too narrow. For best visual effects, we don't recommend width smaller than 2.5 inches

Large spans in excess of 40' require expansion breaks.

- 1. Using spacers, leave a ¼" expansion gap between wall and edges of the flooring.**
- 2. Installing first row :**  
From left to right with the tongue-side facing the wall, place the first board. Note if the first row does not need to be trimmed in width, cut off the tongue (ripped) so a solid edge is along wall. Align and angle the second board, end joint tongue into end joint groove of first board. To ensure tight fit, tap joint with rubber mallet in a downward angle motion towards adjoining board. Continue installing additional boards in this manner until reaching final board in the first row. Measure and cut final board to length
- 3. Installing second row and beyond:**  
You may use left-over board from first row if greater than 8" in length. If not, cut a new board at least 8" in length and allowing 8" between end joints. Position first board in place by angling and interlocking the side tongue (long end) into first row. Check for snug fit and fold down gently into place. Position 2<sup>nd</sup> board using same angling, interlocking motion on side tongue (long end) fold down gently and leave 1mm gap on adjoining board. Tap the joint with rubber mallet in a downward angle motion towards adjoining board until tongue and groove lock. Continue installing additional boards in each row in this manner. When you reach final board in each row, measure and cut final board to length.  
CONTINUALLY CHECK FOR GAPPING AFTER EVERY BOARD BEFORE MOVING ON TO THE NEXT
- 4. Installing final Row:**  
The final row and all corresponding boards may need to be cut lengthwise (ripped)
- 5. Finishing the Installation:**  
Replace molding or wall base, allowing slight clearance between the molding and the planks. Nail the molding to the wall surface not through the flooring. At doorways and at other areas where the flooring planks may meet other flooring surfaces, it is preferable to use a 't-molding', or similar to cover exposed edge. Check for clearance, do not pinch planks

#### RADIANT HEAT

Concrete subfloor with in-floor (embedded) radiant heating system allowed. The heating system must be 1 ½" below the surface layer of the concrete slab. Before installation of flooring, heating system must be operated at normal living temperature for 14 days. 24 hours before, during, and after installation, turn off heating unit. Radiant Heat systems must have failsafe capability to ensure surface temperatures do not exceed 80°F.

**Use of electric heating mats and other heating units directly under NexxaCore™ Engineered Vinyl Flooring can void warranty**

POST INSTALLATION & MAINTENANCE

Use rosin paper and cover installed flooring area to prevent damage from other trade works. Do not use plastic film or other non-breathing material.

There are simple steps to keep NexxaCore™ Engineered Vinyl Flooring looking it's best.

**Clean** up spills immediately. Routinely vacuum, sweep and/or dust floors. Do NOT use treated dust mops. For heavier cleaning use a damp mop using clean water or neutral pH-based cleaner. Do NOT use harsh cleaners nor chemicals on the floor. Oil and petroleum based products can result in surface staining. Do NOT use abrasive scrubbing tools nor vacuums with beater bar. Do NOT use electric brooms with hard plastic bottoms with no padding.

**Protect** flooring surface. Close blinds or drapes during peak sunlight hours. Excessive heat and light will subject flooring to thermal degradation and potential fading effects. Place mats at all entrances to keep dirt and debris off floor. Use non-staining, breathable mats. Rubber mats may discolor the floor. Use floor protectors for furniture. Non-staining felt pads can be used provided they are changed on a regular basis to prevent dirt, debris and sand buildup. Wide, non-staining casters at least 2" in diameter or floor protectors should be used on rolling furniture such as office chairs. To prevent point loads on heavy furniture, use large non-staining surface floor protectors. Do NOT use ball type castors as they can damage floors.

**Moving** - When moving heavy furniture or appliances, place a sheet of masonite or plywood under the piece being moved to distribute the weight and reduce denting or scratching. For light pieces use a clean blanket or a piece of carpet face down under the piece to be moved.

**Be Aware** of any sharp edges as they can scratch and gouge your floor's surface.

For complete maintenance guidelines visit [www.lincoenterprises.com](http://www.lincoenterprises.com)