

## Luxury Planks

Offered by SDi  
(866) 859-1841

[www.commercialconceptsluxuryplanks.com](http://www.commercialconceptsluxuryplanks.com)

### INSTALLATION INSTRUCTIONS

For all Commercial Concepts Luxury Plank flooring for  
Commercial and Residential use.

Because Commercial Concepts Luxury Planks are high end performance products, SDi recommends using WW Henry 640 VinylLock Pressure Sensitive adhesive and installation procedures. Before attempting installation, be sure to carefully review these installation requirements to avoid voiding of the warranty. If you have any questions, contact SDi.

#### PLEASE READ AND FOLLOW THESE INSTRUCTIONS

- A. **MATERIAL STORAGE AND HANDLING:** Commercial Concepts Luxury Planks must be stored in a warm, dry area. Do not expose to extreme hot or cold temperatures. Flooring to be installed must acclimate to job site conditions for a minimum of 48 hours before starting the installation. Cartons must be stored lying flat – never on edge.
- B. **TEMPERATURE:** Flooring, adhesive and the area in which the flooring is installed and the subfloor temperature should be 65° to 85° F. for a period of 48 hours before, during and after installation.
- C. **MOISTURE:** Commercial Concepts Luxury Planks cannot be installed where moisture is present. An unacceptable moisture condition will cause installation failure. It is the installer's responsibility to conduct moisture test on all concrete subfloors. All new concrete slabs can have moisture problems and must be tested using calcium chloride test ASTM F 1869. Any results greater than 3 lbs. per 1000 square feet are unacceptable for Commercial Concepts Luxury Planks. Moisture meters can be used for a first out-of-hand determination, but must be verified with the ASTM F 1869 test. Certain below-grade concrete slab installations can be done using extreme caution as to the moisture content. Testing of below-grade slabs should be done at different times of the year to determine that the floor does not exceed 3 lbs. per 1000 square feet.
- D. **ALKALINITY:** All concrete subfloors should be tested for alkalinity. Excessive alkalinity will cause failure. The alkalinity of the slab should not exceed 9.0 on the PH scale.
- E. **APPROVED POROUS SUBSTRATE SURFACES,** such as concrete, must be thoroughly cured, unsealed, free of curing agents, hydrostatic pressure, excessive moisture, chemical adhesive removers and excessive alkali.

F. APPROVED NON-POROUS SURFACES include sealed concrete, skim-coats and levelers with latex additives, existing bonded tile, resilient tile and non-cushion sheet flooring and nonporous leveling products.

G. NON-APPROVED SURFACES include cushion vinyl sheet flooring, particle board, oriented strand board (OSB), hardboard, treated plywood, stripwood floors, chipboard, waferboard, fiberboard, knotty plywood, lauan, cement tileboard and cushioned resilient floors.

H. FLOOR PREPARATION: It is the installer's responsibility to make sure the following preparations and conditions are observed. The subfloor must be structurally sound, clean, smooth, dry, free from dust, wax, grease or foreign material that could interfere with bonding of material to be installed. Any existing flooring and/or adhesive may have to be removed before patch is applied or flooring is installed. Previously applied adhesives (cut back) must be fully removed and the subfloor sealed with an appropriate material or covered with (APA) approved plywood. Do not use any solvent based adhesive removers or cleaners as they may interfere with the new adhesive being used. When patch is required, follow manufacturer's instructions as to proper mix ratios. All skim coats and levelers should cure for 24 hours. All fillers must be sanded smooth and all sandings removed. If a sealer or latex additive has been used to seal off cut back adhesive, the subfloor is now a non-porous floor, use an adhesive formulated for Luxury Vinyl Plank installations (WW Henry 640 adhesive is recommended) and follow all instructions as to conditions and trowel size. Use only Portland cement-based patching and underlayment products. Contact SDi for special instruction before installing Commercial Concepts Luxury Planks over gypsum-based patching compounds or underlayments.

I. CONCRETE SUBFLOORS: All concrete subfloors must be tested for moisture and alkalinity. If they do not meet the requirements set forth above, do not install Commercial Concepts Luxury Planks. Follow the floor preparation instructions set forth above. Allow up to 10 days curing time for self-leveling compounds due to the higher moisture content of such compounds. If a condition exists where oil, grease or other petroleum products have so penetrated the concrete, do not install Commercial Concepts Luxury Planks.

J. WOOD SUBFLOORS: Wood subfloors should be of standard double layer ply construction, not less than ¾" thick, on 16" centers, floor joists not less than 10" high by 1-1/2" thick. Crawl spaces and space between joists must be insulated and protected by a moisture barrier and a well-ventilated air space underneath. Do not install Commercial Concepts Luxury Planks over any sleeper-type subfloor or over plywood that is directly over a concrete slab below or on-grade. When installing plywood approved (APA) underlayment, joints must be cross staggered at least 16". Do not butt panels tightly together – they should just touch. Set floor fasteners slightly below the surface level of underlayment. All joints and fastener indentations must be filled and leveled with approved floor patch. Follow manufacturer's mix ratios and allow patch to fully dry. Smooth floor out by sanding so floor is completely smooth and level. Remove all sandings and dust before applying adhesive.

K. EXISTING FLOORING: If installing over existing tile or sheet vinyl floor, the floor must be in good condition – meaning not loose and be thoroughly bonded to the structural floor. Never install Commercial Concepts Luxury Planks over cushion vinyl floors. Existing floors must be stripped of all waxes, rinsed with clean water and allowed to dry. All floors should be lightly sanded to permit good adhesive bonding. Old Terrazzo or ceramic floors should be treated in the same manner as a concrete subfloor. Surface glaze coatings and sealers must be removed by grinding and sanding, then filled and leveled to a smooth surface. The subfloor must be tested for moisture.

L. **ADHESIVES:** Only use an adhesive formulated for Luxury Vinyl Plank installations (WW Henry 640 is recommended). Read the label on the adhesive container before installation and follow the instructions carefully. NOTE: An epoxy adhesive may be required where heavy equipment or fixtures are used or where conditions dictate. Regarding the above, if you have any installation questions, contact SDi. After installation, the entire floor must be rolled with a minimum 100 lb. roller in both directions. This will remove air and promote a good adhesive transfer and bond. Wipe excess adhesive from planks as quickly as possible using a damp cloth with a little liquid dishwasher soap. This will make clean-up much easier. Avoid allowing adhesive to dry on floor.

M. **AFTER INSTALLATION** is complete, stay off floor for 24 hours if possible. Do not wash or polish the floor for at least 72 hours after installation. Never flood floor with water when cleaning as this may cause adhesive to loosen. Do not roll any heavy objects on the floor for at least 6 days. It takes at least 7 to 10 days for the adhesive to fully bond. If you must move heavy items, make sure you put down firm boards or at least ½" plywood to roll dollies or carts. Lay down untreated construction paper to protect floor until construction is finished.

N. **MAINTENANCE:** All Commercial Concepts Luxury Planks are protected by SOLARTHANE™ Armor Finish. When needed, a certain amount of maintenance is necessary to keep your Commercial Concepts Luxury Planks looking new. Remove all loose dirt by sweeping or vacuuming. Damp mop floor using Solarbrite® Neutral Cleaner (follow instructions on container). Solarbrite® Matte finish is recommended for high traffic residential areas; one or two coats are suggested. In a commercial environment, three coats may be required. After multiple coats of floor finish are applied, it may be necessary to use a stripper to remove old floor dressing to allow a new coat of floor dressing to be applied. All maintenance is subject to use and conditions of use, but a general routine of maintenance is required to keep your floor looking like new and performing to its design.

O. **PROTECTOR:** The only type of furniture protectors that are required and should be used are wood, felt, cloth or plastic. In areas where furniture is moved frequently, (example: kitchen chairs) the floor should be kept clean of dirt, sand or any other abrasive soil. An extra coat of floor dressing finish in these areas is suggested. Plastic chair mats may also be used to further protect the floor.

**RADIANT HEAT:** Commercial Concepts Luxury Planks are not recommended for radiant heat. However, at the owner's risk with the following restrictions, it can be achieved. Radiant heat subfloor should be in operation a minimum of three weeks prior to flooring installation. Heating components must never come in contact with adhesive or tile. Do not operate heated subfloor 4 days before and 7 days after installation. The surface of any subfloor should not exceed 80° F. Avoid any direct flow of heat from heating fixtures. Do not allow the room temperature to go below 55° F.