

# Adura® LOCnGO Luxury Flooring

**I. GENERAL INFORMATION**

These installation specifications are for Adura® LOCnGO Luxury Flooring. All recommendations are based on the most recent information available. The information on this sheet provides general guidelines. For complete details, consult Mannington’s Professional Installation Handbook. All instructions and recommendations must be followed for a satisfactory installation.

1. The floor covering should be stored and installed in climate-controlled, indoor locations between 65° - 85°F.
2. Install Adura® LOCnGO Luxury Plank Flooring only after the jobsite has been cleaned and cleared of other trade apparatus that may damage a finished tile installation.
3. To minimize shade variation, mix and install planks from several different cartons.
4. All subfloor/underlayment patching must be done with a non-shrinking, water-resistant Portland cement patching compound such as Mannington MVP-2023.

**II. SUBFLOOR INFORMATION**

Although the Adura® LOCnGO Luxury Flooring is installed as a “Floating” floor, correct preparation of the subfloor is still a major part of a successful installation. Roughness or unevenness of the subfloor may telegraph through the new floor covering, resulting in an unsightly surface and excessive wear on high spots.

**CAUTION:**

Some types of nails, such as common steel nails, cement coated or some resin- or rosin-coated nails, may cause a discoloration of the vinyl floor covering. Use only non-staining fasteners with underlayment panels. The procedure of gluing and screwing underlayment panels is not recommended. Solvent-based construction adhesives are known to stain vinyl floor coverings. All responsibility for discoloration problems caused by fastener staining or the use of construction adhesive rests with the underlayment installer.

**A. Wood Subfloors**

**GENERAL**

All wood floors must be suspended at least 18" 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. Wood subfloors directly on concrete or installed over sleeper construction are not satisfactory for the installation of Adura® LOCnGO Luxury Flooring products.

All wood and wood composition panels are suitable for use under Adura® LOCnGO Luxury Flooring providing that they are smooth, flat, structurally sound and free of deflection. This includes plywood, particleboard, oriented strand board (OSB), flakeboard and waferboard.

If the surface of the wood subfloor is not smooth, a 1/4" underlayment panel should be installed over the subfloor.

**B. 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. The surface must be hard and dense, and free from powder or flaking.
2. New concrete slabs must be thoroughly dry (at least six weeks) and completely cured. Curing agents, surface hardeners and other additives may cause adhesive bonding failure. These should be removed by sanding or grinding.
3. All concrete slabs must be checked for moisture before installing material. Details for moisture testing can be found in the Mannington Professional Installation Guide.

The final responsibility for determining if the concrete is dry enough for installation of the flooring lies with the floor covering installer.

Although Adura® LOCnGO Luxury planks are not susceptible to damage from moisture, excessive subfloor moisture is an ideal breeding ground for mold, mildew and fungus. All of which can contribute to an unhealthy indoor environment.

4. Holes, grooves, expansion joints and other depressions must be filled with Mannington MVP-2023 Latex Underlayment (or equivalent), and troweled smooth and feathered even with the surrounding surface.
5. Concrete floors with a radiant heating system are satisfactory, provided the temperature of the floor does not exceed 90°F at any point. Before installing the flooring, the heating system should be turned on to eliminate residual moisture.

**Recommended Work Practices for Removal of Resilient Floor Coverings.**

**WARNING:** Do not sand, dry scrape, beadblast or mechanically chip or pulverize existing resilient flooring, backing, lining felt, asphaltic “cutback” adhesive or other adhesive. These products may contain asbestos fibers and/or crystalline silica. Avoid creating dust. Inhalation of such dust is a cancer and respiratory tract hazard. Smoking by individuals exposed to asbestos fibers greatly increases the risk of serious bodily harm. Unless positively certain that the product is a non-asbestos-containing material, you must presume it contains asbestos. Regulations may require that the material be tested to determine asbestos content. RFCI’s Recommended Work Practices for Removal of Resilient Floor Coverings are a defined set of instructions addressed to the task of removing all resilient floor covering structures.

**C. Existing Floor Coverings**

Adura® LOCnGO Luxury Flooring can also be installed over most existing hard-surface floor coverings provided that the existing floor surface can be made smooth.

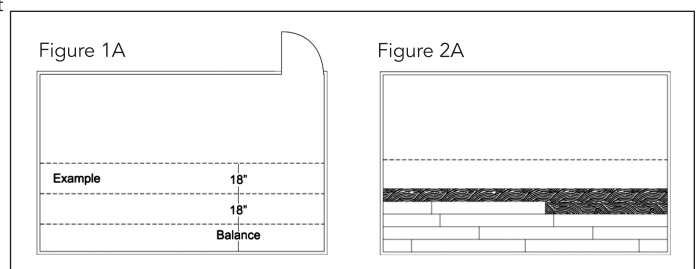
1. Ceramic tile should be made smooth by applying a cementitious overlay such as patching or leveling compound.
2. When the removal of the existing resilient floor covering is not an option, the existing flooring must be covered with MANNINGTON MVP-2023 used as an Embossing Leveler or equivalent. Existing sheet vinyl floors should not be heavily cushioned and consist of one layer only.

**III. INSTALLATION**

**A. Plank Layout**

Adura® LOCnGO Luxury Floors is designed to be installed as a “floating” floor. Do not secure to the planks to the subfloor. Always undercut all doorjamb. Do not install cabinets or kitchen islands on top of LOCnGO. Use care when installing wall moldings and transition strips to not fasten through the LOCnGO planks.

1. It is important to balance the layout of the plank format. Proper planning and layout will prevent narrow plank widths at wall junctures. Determine layout to prevent having less than 1/2" plank width (2") or very short length pieces.
2. As with all plank products, lay the long dimension of the plank parallel to the long dimension of the work area.
3. Accurately measure the room to determine the centerline, adjust this established line to accommodate a balanced layout and then transpose this line to a comfortable width away from the starting wall (approximately 2' to 3' wide - see Figure 1A). Determine if the starter row will need to cut. If not, it will be necessary to cut off the overhang adhesive tab, both along the full length of the plank and the end adhesive tab.
4. Position the first plank so that both the head and side seam bottom adhesive tab is exposed. This requires installing the product from left to right in the room.
5. Install two planks in the first row, positioned approximately 1/8" from the wall. Then cut a plank to length to start the second row, stagger the end seam at least 6" from the first plank.
6. Align the top adhesive tab over the exposed bottom adhesive tab of the first plank in the first row and bring the decorative faces tightly together before engaging the adhesive tabs.
7. Install the second plank in the second row in the same manner.



8. Work across the length of the room installing planks along the wall in the first row and then aligning the planks in the second row. It is critical to keep these two rows straight and square, as they are the "foundation" for the rest of the installation. Check squareness and straightness often.
9. If a plank is misaligned during installation, carefully pull up to release the adhesive bond on the tabs, reposition and re-engage the adhesive tabs. The longer the adhesive tabs are in contact, the more difficult it will be to separate them.
10. Once proper plank alignment is assured, the adhesive tabs should be rolled with either a hand seam roller or a 100 lb. three-section floor roller to insure full and permanent contact of the adhesive tabs.
11. Cut the last plank in the first row to fit approximately 1/8" short of the end wall. Planks may be cut with a utility knife using the "score and snap" technique. Oftentimes the remainder of this plank may be used to start the third row.
12. Continue installing planks, being certain to maintain a random appearance and offset end seams by at least 6" (see Figure 2A).
13. When fitting around obstacles or into irregular spaces, Adura® LOCnGO Luxury Floors can be cut easily and cleanly using a utility knife with a sharp blade. It is often beneficial to make a cardboard template of the area and transfer this pattern to the plank.
14. Protect all exposed edges of the Adura® LOCnGO by installing wall molding and/or transition strips. Use caution to prevent the fasteners from securing the planks to the subfloor.

#### IV. REPAIRS

##### Plank Replacement

If a plank becomes damaged, the following replacement procedure should be used:

- > Using a straight edge and a sharp utility knife, cut out and remove about a 2" strip of the center of the plank. This will allow you to determine the location of the top and bottom adhesive strips of the damaged plank.
- > Position a straight edge along the side seam on the bottom adhesive tab of the damaged plank and cut through the plank. This will leave the adhesive tab of the damaged plank in place, under the adjoining plank.
- > Use a heat gun to help release the adhesive and slowly and carefully peel away top adhesive tab of the damaged plank from the adjoining plank.
- > Insert a 2" putty knife under the adjoining plank to remove the bottom adhesive tab of the damaged piece. Once a corner is loosened, the tab can be folded under and peeled away.
- > Slip a sheet of waxed paper (lining paper) under the adjoining plank(s), slip the bottom adhesive tab of the replacement plank under the waxed paper and position the top adhesive tab in place.
- > Carefully remove the waxed paper to allow adhesive contact on the replacement plank and the adjoining plank(s).
- > Roll the adhesive tabs with a hand roller to assure good bond.