

NüWüd Durato Installation Instructions

NüWüd Durato

6.53" (W) x 47.87" (L) Planks; 12mm Thickness (0.47"); AC6 + Scratch Resistance

Tools Required

- Utility Knife, Miter Saw, Circular Saw, Table saw, Jig Saw or Oscillating tool, Tape Measure, Pull Bar, Straight Edge 6 Feet, Spacers 3/8th Inch, Tap & Block, Chalk Line, Marking Pencil, Rubber Mallet, safety glasses, gloves, vacuum (Recommend a professional grade laminate guillotine)

Prior to installation

- Carefully check flooring material for any defects. Contact your supplier immediately if any defect is found. Verify the correct color and specification was delivered. If a defective plank or wrong product is installed it is not covered by NuWud Commercial Warranty.
- Room temperature shall be no less than 58°F to 85°F for 24 hours before, during and after installation. Humidity shall be no less than 28% RH to no more than 68% RH.
- Remove any existing quarter round or baseboard molding.
- Undercut doorway moldings the thickness of the flooring.
- Cartons must always be stored horizontally.
- Protect carton corners from damage
- Commercial Installations require 48-hour acclimation period. To acclimate properly, boxes should be opened so air can circulate. Ideally, NuWud should be acclimated to the median acceptable temperature and humidity range.

Wood Substrates/Underlayments

Wood floors must be constructed with a minimum thickness of 3/4", free from spring/deflection. Top layer of plywood shall be 3/4" minimum thickness, underlayment grade plywood. Wood floors must be tested for moisture and must not exceed 12% MC. Recommended underlayments include EVA, IXPE, APA Underlayment Grade Plywood A-C, B-C or C-C Plugged, ACCU-PLY, SurePly, TECPLY, ULAY, C.S.A. CanPly and Proboard.

Concrete & Gypsum Substrates

All substrates must be dry, clean, smooth, level, free from all existing adhesive residues, and free from movement or deflection. The substrate must be level within 3/16" in 10' radius.

NüWüd may be installed over on grade, above grade or below grade concrete subfloors. Concrete floors shall be constructed in accordance with the American Concrete Institute (ACI) 302.1 Guide for Concrete Floor and Slab Construction. Concrete shall be finished and cured per the ACI specifications and have a recommended compressive strength of 3000 psi. Installation of a moisture vapor barrier is mandatory prior to pouring on or below grade slabs. Moisture vapor transmission shall not exceed 3 lbs./1000 sq.ft./24 hours per

ASTM F-1869 (Anhydrous Calcium Chloride Test). Moisture Vapor must also be tested according to ASTM F 2170 (Standard Test Method for Determining Relative Humidity in Concrete Floor Slabs (Using in situ Probes). When tested with this method, the RH readings shall not exceed 80% RH. NuWud may be installed over specifically approved gypsum based underlayments that are structurally sound, clean, dry, flat and level to 3/16" in 10' radius. Gypsum must be tested for moisture as per ASTM F2170 as noted above for concrete. In addition, a moisture meter (Pin Invasive Type) designed for gypsum may be utilized for testing and test readings should not exceed 5% MC. Gypsum subfloors must have a **minimum compressive strength of 2500 PSI** and need to be sealed with gypsum manufacturers recommended sealant before NuWud installation via direct adhere method.

*If NuWud is being directly adhered to a concrete or gypsum subfloor, a bond test must be conducted to confirm adhesive and subfloor compatibility.

Existing Floors

NüWüd can be installed over existing flooring only when the following conditions exist. The existing flooring must be smooth, hard, flat, and single layer surface existing flooring. It must be well bonded and structurally sound. Check flooring for any curled areas around the perimeter or at seams and repair if necessary. All substrates must be dry, clean, smooth, level, free from all existing adhesive residues, and free from movement or deflection. The substrate must be level within 3/16" in 10' radius. Use a good quality, cementitious based embossing leveler to smooth and fill the existing floor. Durato can not be held responsible for any damages as a result of any issues stemming from the existing flooring installed below NuWud. If NuWud is being directly adhered to existing flooring, a Bond Test must be conducted to confirm adhesive and existing flooring compatibility.

WARNING: *Do not sand, dry sweep, dry scrape, drill, saw, bead-blast or mechanically chip or pulverize **existing resilient flooring**, backing, lining felt or asphaltic "cutback" adhesive. These products may contain asbestos fibers 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 of pre-existing flooring.*

NüWüd products are free of asbestos and do not contain any harmful VOC's. NüWüd is in compliance with FloorScore requirements.

Getting Started

1. NüWüd can be floated or adhered, but should not be nailed to the substrate. Avoid shooting brad nails, finishing nails or screws into flooring (Not approved for mobile homes or temporary structures without adequate temperature controls.)
2. NüWüd is designed for indoor applications only and not recommended for outdoor

use.

*NuWud is manufactured with both Hard Back (HB) and Attached Cushion (AC) options.

*NuWud HB can be adhered directly to subfloor or floated over subfloors as noted above. If directly adhered method is preferred, please contact NuWud technical services for recommended adhesives.

3. Determine in which direction the planks will be installed. To make the room appear larger or if installing in very small rooms or hallways, it is preferable to lay the planks parallel to the longest room dimension.

4. Do not install cabinets on planks, unless it is a temperature controlled environment with +/- 20 degrees Fahrenheit. Temperature and humidity must be maintained before, during and after installation to be covered by the NüWüd Warranty.

5. Carefully measure the room to determine squareness and to determine the width of the last row of planks. If the width of the last row of planks is less than 2" (50mm), excluding the tongue, the width of first row of planks must be adjusted and cut accordingly.

6. A minimum 5/16" (8.2mm) expansion space is required around the perimeter of the room and all vertical objects. If using silicon in the expansion space please use a 8/16" expansion space. Filling expansion space with Silicon will keep planks in place and prevent fluids from spills and wet mopping to get under the flooring, reducing the possibility of mold growing while still allowing the material to expand and contract as a floating floor.

7. Inspect all planks for visible defects and damage before and during installation. Do not install damaged planks. NüWüd will not accept responsibility for claims on flooring installed with obvious defects. During installation, inspect the groove area and remove any debris that may prevent proper assembly of planks.

8. Installation is recommended for rooms of up to 75 feet without transition moldings.

Installation

1. Begin laying planks from the left side of the starting wall and work to the right side. The tongue side of the plank shall face the starting wall.

2. Place 5/16" (8.2mm) spacers between the short and long side of the planks and the wall. Always position one spacer between the wall and where the planks join. Tap planks into position with a tap and block.

3. The end joints of the planks are joined after the long side is pushed in and lowered. Gradually lower the plank down flat until the end joint closes, insuring that the planks are perfectly aligned. Install remaining full planks in the first row. Tap all planks to ensure locking system is engaged. The short sides are locked when the next row is installed or molding is installed on the final row holding the last plank down.

4. The last plank in the first row will need to be cut. Measure the distance between the wall and the surface of the last full plank. Subtract 5/16" (8.2mm) from this measurement to allow for the spacer. If this measurement is less than 8" (20.3cm), the length of first plank in the row must be cut. This will allow for a longer plank at the end of the row. The first and last plank in each row must be at least 8" (20.3cm) in length. Planks

are cut using a miter saw or table saw or circular saw. Score the surface of the plank with a marker then cut using a power tool of choice.

5. The remaining piece cut off from the last plank in the first row may serve as the first plank in the second row provided it is at least 8" (20.3cm) long. Always stagger end joints from row to row a minimum of 8" (20.3cm).

6. Install the long side of the first plank of the second row. Remember to place a 5/16" (8.2mm) spacer between the wall and the short side of the plank. Insert the tongue side into the groove side of the previous row at a low angle and lower flat to the substrate.

7. Install the second plank in the second position, the long side of the plank with the tongue side overlapping the groove of the planks in the previous row approximately 1/8". Then, push down until the plank locks into the previous row, a gentle tap with a tap and block is required to properly seat the locking system, at times the planks will lock in place during the down push of the plank, but a tap with a rubber mallet and a block will ensure proper locking. If the locking system is not engaged, you will see a slight deflection of the plank as it will not lay flat on the floor. If it does not lay flat on the floor, then you must use the tap and block to seat it. Continue installing remaining planks in second row. It is important to make sure that the first two rows are straight and square as they can affect the entire installation.

8. Continue working from left to right, row by row. Be sure to maintain a 5/16" space around all walls and vertical objects and maintain a random appearance. Offset end joints a minimum of 8" (20.3cm). During installation please ensure 8" are between joints and a "H" or "stair step" installation does not occur. A random plank install is recommended and most attractive.

Finishing the installation

- After all planks have been installed, remove spacers from perimeter of room.
- In bathrooms or areas with constant exposure to water we recommend to apply a silicon bead along perimeter to keep planks in position, but allowing the product to expand and contract. The silicon bead will also help with preventing water from getting under planks during damp mopping or spills. This is a precautionary tip and not necessary in areas not frequently exposed to water.
- Install transition moldings. Do not fasten any moldings through the flooring. For floating installations, shooting brad or finishing nails into the floor will prevent the normal expansion and contraction.
- Pre-drill and install quarter round or baseboard molding. Molding must be sufficient size to cover the 5/16" (8.2mm) space. Do not fasten moldings through the flooring. Fasten into the wall. (Note: It is necessary to maintain the temperature and humidity range before, during and after installation.)
- Use plywood protection to cover the top of the flooring when moving heavy furniture or appliances into position.
- Use proper floor protectors under the legs of furniture.
- Post installation temperature must be maintained between 58° F and 85° F. Relative humidity must be maintained between 28% and 68% RH. Even though the floor is water resistant prolonged contact with water or fluids will damage the flooring and void warranty.

(greater than 48 hours).