

# TAYLOR

## RidgeLine

### Next Generation Wood Flooring Adhesive & Moisture Control System

- Extreme moisture protection.
- No Moisture testing required.
- Excellent bond strength on all wood flooring products including wide/long plank styles.
- Quick and easy installation and clean up.
- Quiets floors.
- Health/Environmentally conscious formula design. (*non-urethane & isocyanates free*)

#### DESCRIPTION

Taylor Ridgeline™ is an engineered adhesive formulated for use in the installation of all types of wood flooring. It is 100% solids (contains no water), is solvent and isocyanate free, and has negligible VOC content.

#### MOISTURE PROTECTION

Ridgeline™ effectively reduces moisture vapor transmission from concrete subfloors. Moisture testing is not required when the slab is properly prepared and fully cured.

#### PRODUCT VERSATILITY

Ridgeline™ is suitable for use with all engineered, solid, bamboo, cork and parquet flooring recommended for glue-down installation. Its strength of bond ensures adhesive/flooring system security in premium and wide/long plank installations.

Ridgeline™ may be used over all properly prepared substrates common to wood flooring installations, including:

- Concrete: on/above/below grade
- APA grade/plywood
- Underlayment grade OSB
- Association grade particleboard
- Fully secured cork underlayment
- Well-bonded non-cushion backed vinyl, tile and sheet flooring.
- Properly prepared terrazzo
- Cement backer board, gypsum underlayments (dry & above grade) and cement patch/underlayments
- Radiant heated subfloors less than 85°F (30°C).

Ridgeline™ demonstrates good early strength build-up, resulting in robust early “grab” and contributing to ease of installation. As it cures, a strong, resilient and durable bond results.

#### DIRECTIONS FOR USE

Read and understand the following information fully before beginning installation. Follow all industry and flooring manufacturer’s recommendations re: acclimation, design & layout, and applicability of flooring. Take corrective actions if installation location conditions are not within parameters defined by flooring manufacturer.

#### SUBSTRATE PREPARATION

- Substrate must be sound, smooth, level, clean and dry.
- It must be free of dust, dirt, wax, loose paint, incompatible curing compounds or fire retardant chemicals, fungicides, release agents, sealers, or any other foreign substances.
- Substrate must be level to 3/16" in a 10 ft. span (5 mm in a 3m span)
- Wood substrate must have a moisture content below 12% using a Tramex or Delmhorst wood moisture meter.
- When installing thin gauged solid or engineered wood, to eliminate “telegraphing” of irregular substrates, properly fill and level with a polymer modified cementitious compound, allowing full cure before applying adhesive.

In all application circumstances, substrate, adhesive and wood flooring must be acclimated:

- In an enclosed building with the HVAC operating continuously from 72 hours prior to, during, and after installation completion.
- The temperature and relative humidity must be controlled between 65°F (18°C) and 95°F (35°C), and between 30% and 60% relative humidity, subject to the floor manufacturer’s requirements.
- Open time will vary with temperature and humidity and porosity of the substrate.

For untested concrete floors requiring the moisture barrier properties of Ridgeline™, trowel/coverage guidelines must be adhered to and the following concrete subfloor preparation is required:

- Concrete must be poured in strict accordance with applicable standards and specifications.
- An intact moisture barrier must be present below the concrete.
- Must be fully cured (at least 45 days), dry to the touch and absorbent (drops of water must penetrate surface within one minute).
- Must be free of dust, dirt, wax, loose paint, incompatible curing compounds or fire retardant chemicals, fungicides, release agents, sealers, or any other foreign substances.
- Must have a concrete surface profile (CSP) of 1-3 (“broom finish”).
- Adhesive residue, including cutback adhesive, must be completely removed by shot blasting or diamond grinding to open the concrete and render it absorbent.
- Substrate must be level to 3/16" in a 10-foot span (5 mm in a 3m span).

Moisture tested concrete floors not requiring the moisture barrier properties of Ridgeline™ must comply with the following:

- Moisture levels must be below 3 lbs. per 1,000 square feet per 24 hours (1.36 kg per 92.9 m<sup>2</sup> per 24 hours) using an anhydrous calcium chloride test kit according to ASTM F-1869 test method, or below 75% relative humidity tested in accordance with ASTM F-2170.
- The moisture content must be within the limits recommended by the wood flooring manufacturer, generally a maximum of 75% RH. Follow wood flooring manufacturer’s guidelines for allowable levels of moisture.

## INSTALLATION INSTRUCTIONS

1. Follow trowel/coverage application recommendations exactly, particularly when moisture mitigation properties are required.
2. Install wood flooring immediately after adhesive is spread. Working time is approximately 50-75 minutes under appropriate temperature/humidity.
3. Adhesive must contact 100% of the wood floor underside surface. NOTE: Thin-gauged solid & engineered wood and exotic species are very sensitive to job site conditions. Failure to follow flooring manufacturer and Taylor pre-installation and installation instructions, including acclimation of the wood flooring, will void all warranty.
4. Initial flooring sections laid into adhesive may exhibit some movement. Secure the initial row to limit movement and secure pattern.
5. Spot check 100% adhesive contact to flooring underside by lifting wood segments occasionally. If proper contact is not achieved, remove dried adhesive and re-apply using recommended trowel.
6. The use of tape to temporarily secure abutting edges may be necessary until installation is complete. Wide/long planks may need to be weighted to hold them into the adhesive during curing.
7. When installing near a solid object or wall, leave ample room for expansion. (See flooring manufacturer's recommended expansion guidelines).
8. When the installation is complete, wedge flooring near walls/fixed objects to hold in place during initial setting. Remove wedges after approximately 2 hours to allow for normal expansion of wood.
9. Roll and cross roll floor with a 100-150 lb. (45-70 kg) roller at the end of the installation to ensure proper adhesive contact with flooring underside.
10. On unfinished wood flooring, do not sand until a minimum of 72 hours after installation.
11. When installing over radiant heated subfloors, turn the heat off continuously for 24 hours prior to and 24 hours after installation. Floor temperature must not exceed 85°F (30°C) or working time may be impacted.
12. Restrict light traffic for a minimum of 16 hours and heavy traffic for a minimum of 24 hours after installation is complete.
13. Ridgeline is freeze-thaw stable but protection from freezing is desirable.

## OTHER PROPERTIES:

Appearance: Off white, smooth, easy-to-spread mastic.

Working time: Approximately 60 minutes, depending on job site conditions.

Shelf life: One year in unopened container at 70° F (21.10°C).

Other features: Waterproof when cured, non-flammable. Freeze/thaw stable to 10°F (-12.22°C).

Clean Up: Clean up with Taylor Touchdown #9 Adhesive Remover/Stripper.

## STORAGE

Ridgeline™ should be stored at temperatures between 50° and 90° F (15°- 32° C). Storage conditions outside this range may cause product viscosity to increase.

## AUTION:

DO NOT take internally. If swallowed, DO NOT induce vomiting. Call a physician immediately. KEEP OUT OF REACH OF CHILDREN.

**Warranty Information:** This product is manufactured according to exacting quality control standards and is warranted to be free from manufacturing defects. Defective material called to our attention within one year of manufacture will be replaced. No warranty, expressed or implied, is made regarding the performance of this product unless the manner and conditions of application are beyond our control. For complete warranty information, call Technical Services at 800-868-4583 ext 2221, visit us on the web at [www.wftaylor.com](http://www.wftaylor.com) or e-mail us at [tech@wftaylor.com](mailto:tech@wftaylor.com).

This product is packaged with 100% post-industrial reground plastic.

## RECOMMENDED TOOLS

### For Moisture Control, Crack Isolation, Sound Reduction, And Wood Adhesion:

For Solid, Engineered, & Bamboo  
Wood Flooring Greater Than 9/16" Thick  
For Wide/Long Plank  
Estimated Coverage 20 sq ft/gal



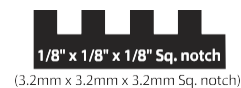
For Solid, Engineered, & Bamboo Wood  
Flooring Less Than 9/16" Thick  
Estimated Coverage 30 sq ft/gal



(6.35mm x 6.35mm V-notch)

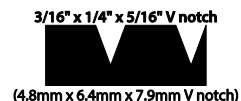
### For Only Wood Adhesion:

For Dry-Back Wood Parquet Flooring  
Estimated Coverage 60-70 sq ft/gal



(3.2mm x 3.2mm x 3.2mm Sq. notch)

For Solid, Engineered, & Bamboo Wood Flooring  
Estimated Coverage 50-60 sq ft/gal



(4.8mm x 6.4mm x 7.9mm V notch)