



1. MANUFACTURER

Roppe Corporation

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2. PRODUCT DESCRIPTION

Roppe's Northern Timbers Loose Lay is designed for use in commercial and residential applications. The Northern Timbers Loose Lay Vinyl Plank collection features a natural wood look. Its rugged construction, including a 28 mil wear layer topped with C-Shield UV cured ceramic bead finish permits maximum durability ensuring long lasting beauty without the use of a floor finish. The composition ensures a 100% recyclable product while consisting of 72% recycled materials. The addition of Nano-Silver particles in the wear layer reduces 99.9% of Staph and E. coli present within 24 hours. With excellent resistance to abrasion, chipping, cracking, and permanent indentations for heavy-duty performance requirements and to help conceal most substrate irregularities, and yet it is flexible for fast and economical installations. Northern Timbers Loose Lay Vinyl Plank is the perfect choice for lobbies, office buildings, banks, healthcare facilities, luxurious residential and commercial condominiums, or wherever both function and high design are essential. The surface includes an embossed surface to enhance the rich look of wood, while adding slip resistance qualities to the tile. Precision cutting allows for easy installation with tight seams.

Available Styles (All Dimensions Nominal)

Gauge: .200" (5 mm)

Size: 6" (152.4 mm) x 48" (1219.2 mm)

Packaging: 10 pieces per Carton (20.02 sq. /ft. per Carton)

3. TECHNICAL DATA

Product Classification

- ASTM F 1700 - Solid Vinyl Tile; Class III, Type B

Fire Testing Information

- ASTM E 648, Critical Radiant Flux - Class 1, > .45 W/cm²

General Performance Information

- ASTM C 1028, Slip Resistance - > 0.60
- ASTM F 970, Static Load - 1,000 PSI, < .005"
- ASTM F 925, Resistance to Chemicals - No Change
- ASTM F 1514, Heat Stability of Color - $\Delta E < 8$ Avg
- ASTM F 1515, Light Stability of Color - $\Delta E < 8$ Avg
- ASTM F 1914, Residual Indentation - < 8%
- ASTM F 2199, Dimensional Stability - < .020" / In ft

4. BENEFITS & LIMITATIONS

- Contains 39% **post-consumer** waste
- Contains 33% **pre-consumer** waste
- Contains **Nano-Silver particles** to help control staph & e-coli bacteria
- Northern Timbers Loose-Lay cannot be installed over substrates containing **Radiant Heat**
- Roppe does not recommend the use of **floor finishes** or sealers of any kind since desired appearance can be maintained using standard maintenance procedures. If desired, **floor finishes** designed for Vinyl Flooring can be used but keep in mind the maintenance procedures will change from the published Roppe information.
- Not to be used in **Commercial Kitchens** or other areas subjected to animal, vegetable or petroleum based oils and solvents, **Residential Kitchens** are acceptable areas for installation.
- Not to be used in areas subjected to sharp **spikes, cleats, sharp wheels, stiletto heels** or other objects that could damage the flooring.
- Not to be used in direct contact with heat sources or in **outdoor** applications.
- Staining may occur if allowed to remain in contact with strong **staining** agents such as tires, walk-off mats, disinfectants, cleaning agents, pesticides or other chemicals (solid, liquid or gas).
- Long term, extended or excessive exposure to **UV Heat & Light** can cause discoloration or other undesirable affects, so use caution or window treatments in these areas.
- As rubber tile **ages**, color will darken with exposure to environmental elements, some shading should be expected with repairs from attic stock material.
- Use appropriate **floor protection devices** for resilient flooring on all furniture or fixtures.
- Roppe recommends all furniture placed on flooring have **contact points** with a minimum diameter of 1" and contain a smooth Stainless Steel, Teflon or Felt pad for contact.
- Roppe recommends all furniture placed on the flooring containing **castors** to have a minimum of 1" wide flat surfaces at the contact point.
- Roppe recommends all **rolling chairs** have castors designed for resilient flooring that are not damaged. It is also recommended to use a chair pad designed for resilient surfaces.
- **Dragging or improperly moving** furniture or equipment across the surface of the tile can cause permanent damage.

5. INSTALLATION

Maintain product, adhesive & substrate between 65°F (19°C) and 85°F (30°C) for at least 48 hours before installation, during installation, and after installation to



ensure proper product and adhesive functionality. Ensure temperature of the substrate is within this range as well prior to installation. Do not install within environments lower than 50°F (10°C) and 95°F (35°C) temperatures. Proceed with the installation only when the conditions are proper and correct and all other trades have completed their work.

Existing Flooring Substrates

We recommend following our Substrate Preparation Guidelines when installing this product. They are available from the Technical Page of our website at www.roppe.com. If the decision is made to install over an existing flooring product, we strongly recommend the following to be adhered to as well.

- Ensure there is only one layer of flooring installed
- Remove all finishes or waxes applied to the installed product to ensure best performance
- Remove all loose tiles and replace or fill voids with appropriate cementitious patching compound
- Use an embossing compound to level out any surface designs or cracks in the surface of the existing product by following the recommendations of the cementitious patch manufacturer

Moisture & pH Limitations of Concrete Slabs

Even though the majority of this product is installed without adhesive, it is still important to determine the moisture & pH level of the concrete slab prior to installation as the Northern Timbers Loose Lay does not prevent moisture from coming through the slab. Roppe recommends the Relative Humidity level of the concrete be below 95% when tested according to the latest revision of ASTM F 2170. Roppe recommends the pH of the slab not exceed 10, levels below 7 and above 10 can adversely affect the performance of the flooring. Roppe recommends the use of Wagner Testing and Recording equipment for these processes.

Approved Adhesives for Installation (Perimeter & Pivot Areas)

Select the appropriate adhesive for your installation, substrate and use.

- **2600 Spray-Grip Adhesive for Vinyl Tile**
 - Follow Label Instructions for Porous & Non-Porous Substrates
 - ASTM F 2170-11; Relative Humidity Method, 90%
 - pH, 11 or less
 - Low Peel Strength | High Shear Strength when cured
 - Heavy Foot Traffic, Light Point & Rolling Loads, Consistent Temperatures, No Topical Moisture
 - VOC Information, 0 g/L Calculated
 - FloorScore Certified
 - CHPS Compliant

- LEED Compliant

6. MAINTENANCE

- For smaller retail and residential areas use premium cleaners for Vinyl Flooring such as Bona® Stone, Tile & Laminate Floor Cleaner
- For large commercial areas use an Auto Scrubber with white pads and a mild solution of Neutral pH cleaner
- Initial cleaning 72 Hours after installation
- Daily sweep & Vacuum to remove loose dirt & debris

7. AVAILABILITY AND COST

Products are available through Roppe distributors. Contact Roppe Customer Service (800) 537-9527 or visit www.roppe.com.

8. TECHNICAL ASSISTANCE

Technical service information and assistance may be obtained by calling Roppe Customer Service at 1-800-537-9527, or by visiting www.roppe.com.

Samples may be obtained by may be obtained by calling Roppe Customer Service at 1-800-537-9527, or by visiting www.roppe.com.

9. LIMITED WARRANTY

Limited One (1) Year Manufacturer's Warranty
Limited Ten (10) Year Commercial Wear Warranty
Limited Twenty (20) Year Residential Wear Warranty

For complete substrate preparation, installation, maintenance instructions and/or warranty please visit www.roppe.com