

MATERIAL: Teknoflor® Rare Plank HPD™ High Performance Design Commercial Luxury Vinyl Plank Flooring

- Overall Thickness: 3.0mm (0.118")
- Dimensions: 7.09"W x 47.24"L (180mm x 1200mm)
- Wear Layer: 0.7mm (0.028" or 28 mils)
- Sq. Ft./Carton: 34.88
- Pcs./Carton: 15

ANTIMICROBIAL TECHNOLOGY: TekDefend™
Antimicrobial agent incorporated into the wear layer which effectively inhibits bacterial growth on the flooring surface.

WARRANTY:

20-Year Wear Warranty. Teknoflor® will furnish replacement flooring free of charge if there is a loss of original pattern and color under normal commercial use of Teknoflor® for 20 years commencing on date of substantial completion, provided the flooring was installed and maintained per standards set by Teknoflor®. This warranty does not include damage due to improper installation or maintenance, excessive moisture or alkalis in the sub-floor or conditions arising from hydrostatic pressure, burns or loss due to inconvenience, incidental expenses or consequential damages so that the above limitation & exclusion may not apply.

COLOR SELECTION: 22 SKU's

LEED: LEED v4 – MR Credit 4: Material Ingredients; EQ Credit 2: Low-Emitting Materials: Flooring Systems.

TEST DATA:

- *ASTM F1700* - Standard Specification: HPD Urethane Coating with Ceramic Bead. Meets or Exceeds requirements
- *Classification:* Class III, Type B
- *ASTM F925 Chemical Resistance:* 0-No Change or 0-Slight Change
- *ASTM F1514 Heat Stability Color Change:* ΔE < 8.0 avg. @ 7 days: Passes
- *ASTM F1515 Light Stability Color Change:* ΔE < 8.0 avg. @ 300 hrs.: Passes
- *Caster Chair Test:* 25,000 cycles - 4.5 Slight Change with no Delamination.
- *ASTM D4060 Taber Abrasion Resistance:* H-18 wheel, 1000-gram load, ≥25,000 Cycles until design layer visibly affected
- *ASTM E648 Critical Radiant Flux:* NFPA Class 1 (>0.45 Watts/cm²) Meets Requirements
- *ASTM E662 Smoke Generation:* <450 DM Corrected - Meets Requirements
- *ASTM F970 Static Load Limit:* 1,200 psi, Exceeds Requirements
- *ASTM F1914 Short Term Indentation:* 0.005 Inch Avg. 4.8% Residual Indentation
- *ANSI B101.3 Dynamic Coefficient of Friction:* Acceptable Traction Surface Wet
- *ASTM D2047 Static Coefficient of Friction:* Dry 0.92, SCOF
- *ASTM F963 Heavy Metals Content:* <0.1 ppm None detected
- *REACH-Substances of Very High Concern:* Meets Requirements
- Microbial Resistance: >99.996% Reduction
- Floorscore Certified

PRE INSTALLATION:

Thoroughly inspect all material. Contact your dealer/distributor immediately should a problem be discovered. 90% of all installation failures are moisture-related. Moisture tests must be performed & recorded prior to installation with results not to exceed the adhesive manufacturer's specifications. Cartons must remain flat. Check to confirm the same batch and lot number. Mix & install individual pieces from different cartons should the lot numbers vary in order to minimize the appearance of variations.

STORAGE: Store cartons FLAT stacked squarely in a dry interior area between 55°F – 85°F

ACCLIMATION: Store flooring in space where they will be installed for at least 72 hours prior to installation.

ADHESIVE:

Use adhesives recommended by the flooring manufacturer.

APPROVED SUBSTRATES:

Properly prepared concrete, Thick Pour Gypsum (ASTM F2419), suspended wood and metal subfloors. Subfloor must be suitable for intended use and rigid, smooth and flat, permanently dry, clean & free of all foreign materials any other deleterious contaminants that may act as a bond breaker or staining agent.

SURFACE PREPARATION:

Use high quality Portland cement and or calcium aluminate based patching and leveling compounds recommended by their manufacturer for intended use conditions. The underlayment shall be mold, mildew and alkali resistant, non-shrinking and water-resistant with a minimum 3,500 psi cured compressive strength. Ensure proper mix water ratio, working time, drying time and moisture testing. CAUTION: Gypsum patching compounds shall not be used unless recommended and warranted by product manufacturer as project compliant. Prepare subfloor in accordance with manufacturers printed instructions ASTM F710, Division 01 requirements

INSTALLATION PROCEDURES:

Install resilient flooring and accessories using method indicated in strict compliance with manufacturer's current printed instructions.

- For the best appearance, find the center of the floor by marking vertical and horizontal lines across the room from the center of the opposite walls. Establish squareness of the lines. Mark new reference lines to adjust start point to have equal size on all sides. Begin to install from the center outwards to fit next to edge.
- If there is a distinct variation in visual, it is advised to rack-out the flooring from several cartons during installation to provide a random visual

Reference www.ShannonSpecialtyFloors.com for complete Installation instructions.

ROUTINE MAINTENANCE:

- Before beginning, read all safety warnings, wear appropriate protective gear and put out caution signs in the area to be cleaned.
- Sweep, dust mop or vacuum the floor to remove all loose dirt and grit. Do not use treated dust mops.
- When available, clean the floor with an auto scrubber using a properly diluted Neutral pH cleaner and a 3M 5100 Red pad or equivalent pad or brush. Rotary or cylindrical brush cleaning is recommended for textured floors. DO NOT USE A MORE AGGRESSIVE PAD OR BRUSH.
- When an auto scrubber is not available, mop on a properly diluted Neutral pH floor cleaner. Apply the solution liberally, but do not flood the floor. Clean the floor using a mop, flat mop or machine scrub with a low speed (175-350 RPM) swing arm floor machine using a 3M 5100 Red pad or equivalent pad or brush. DO NOT USE A MORE AGGRESSIVE PAD OR BRUSH.
- Completely remove the cleaning solution using an auto scrubber, shop vacuum or mop and let the surface dry.
- Fans or air movers can speed up the drying process. Once the floor surface is clean and dry, remove caution signs.

FURNITURE RESTS & PROTECTORS:

Use appropriate furniture rests and floor protectors under all chairs, furniture, rolling equipment and beds. Proper selection and care of furniture rests, wheels and floor protectors is an important part of effective floor care.

Key Elements include:

- **NON-STAINING:**
Be made of non-staining materials.
- **RADIUSED EDGE:**
Provide slightly radius or rounded edges.
- **SUFFICIENT CONTACT AREA:**
Have a surface contact area that is large enough to evenly distribute the load without causing damage to the floor. Generally, a 1" or larger diameter flat smooth contact area is appropriate for most applications.
- **COMPOSITION OF FLOOR GLIDES:**
Commercial grade felt glides are preferred for resilient flooring. Stainless steel, nylon and non-staining rubber glides can be used. Do not use metal glides that may rust or plastic glides as they become abrasive with use and can scratch the floor.
- **COMPOSITION OF WHEELS:**
Wheels for resilient & hard surface flooring should have a soft tread compound of urethane or non-staining rubber. Do not use hard plastic or metal wheels or rollers on resilient flooring. Hard wheels can cause surface damage to the flooring and break the adhesive bond causing bubbling.

Reference www.ShannonSpecialtyFloors.com for complete Maintenance instructions.

**Teknoflor® Rare Plank HPD™
is a NO-WAX, NO BUFF product.**

