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Toli LHT2081

Toli ToughtecTile LHT2081 Layered Vinyl Floor Tile

User Instruction Manual

Brand: Toli | **Model:** LHT2081

1. Introduction

The Toli ToughtecTile LHT2081 is an advanced layered vinyl floor tile designed to offer the combined benefits of traditional vinyl and ceramic flooring. This product is engineered for durability, aesthetic appeal, and ease of maintenance, making it suitable for various commercial and residential applications. This manual provides essential information for the proper installation, care, and maintenance of your ToughtecTile flooring.

2. Product Overview

ToughtecTile LHT2081 is a high-performance layered vinyl floor tile manufactured in Japan. It features a robust construction designed to withstand heavy foot traffic while maintaining its appearance. Each tile measures 600mm x 1200mm with a thickness of 3mm, providing a substantial and stable flooring solution. Each case contains 4 tiles, covering an area of 2.88 square meters.



Image 1: Toli ToughtecTile LHT2081 in a commercial setting, showcasing its large format and modern aesthetic.

3. Key Features

- **Anti-virus and Antibacterial Properties:** Designed to inhibit the growth of viruses and bacteria, contributing to a more hygienic environment.
- **Good Design Award:** Recognized for its outstanding design and functionality.
- **No Wax Maintenance (NO WAX EX):** The surface is treated to eliminate the need for waxing, simplifying long-term maintenance and preserving its aesthetic appeal.
- **High Durability:** Suitable for high-traffic areas such as offices, schools, hospitals, and retail stores.
- **Environmental Consideration:** Manufactured with environmental sustainability in mind.
- **Excellent Underfoot Comfort:** Provides a comfortable walking experience compared to harder flooring materials.

4. Specifications

Product Type	Layered Vinyl Floor Tile
Model Number	LHT2081

Dimensions (per tile)	600mm x 1200mm
Thickness	3mm
Quantity per Case	4 pieces
Area per Case	2.88 m²
Weight per Case	15.3 kg
Material	Vinyl
Color/Pattern	Stone Pattern (LHT2081 specific pattern)
Installation Type	Adhesive
Country of Origin	Japan



Image 2: Overview of ToughtecTile patterns and dimensions, including model LHT2081.

5. Installation (Setup)

ToughtecTile LHT2081 is designed for adhesive installation. Proper preparation of the subfloor is crucial for a successful and long-lasting installation. It is recommended to consult with a professional flooring installer or follow industry best practices for adhesive vinyl tile installation.

5.1. Subfloor Preparation

- Ensure the subfloor is clean, dry, smooth, and structurally sound. Remove all dirt, dust, grease, wax, and other contaminants.
- Repair any cracks, holes, or uneven areas in the subfloor. A self-leveling compound may be necessary for severely uneven surfaces.
- Ensure the subfloor is free from excessive moisture. Conduct moisture tests as recommended by adhesive manufacturers.

5.2. Adhesive Application

- Use a high-quality, pressure-sensitive adhesive specifically recommended for vinyl floor tiles. Follow the adhesive manufacturer's instructions for application methods, spread rates, and open times.
- Apply the adhesive evenly using the recommended trowel size.

5.3. Tile Placement

- Begin laying tiles from the center of the room or a designated starting line to ensure proper alignment.
- Carefully place each tile into the adhesive, ensuring full contact and proper alignment with adjacent tiles. Avoid sliding tiles into place.
- Use a rubber mallet to gently tap tiles into place and ensure good adhesion.

5.4. Finishing

- Once all tiles are laid, use a heavy roller (e.g., 100-lb floor roller) to firmly press down the entire floor surface, ensuring maximum adhesive transfer and bond.
- Clean any adhesive residue from the tile surface immediately using a damp cloth before it dries.
- Allow the adhesive to cure for the recommended time before allowing foot traffic or placing heavy objects.

6. Care and Maintenance

Proper care and maintenance will extend the life and preserve the appearance of your ToughtecTile flooring.

6.1. Routine Cleaning

- **Daily/Regular:** Sweep or vacuum regularly to remove loose dirt and grit, which can scratch the surface.
- **Damp Mopping:** Mop the floor with a neutral pH cleaner diluted in water. Avoid excessive water.
- **Spills:** Clean up spills immediately to prevent staining.

6.2. Important Considerations

- **No Waxing Required:** Due to its special surface treatment, ToughtecTile does not require waxing. Applying wax may diminish its performance characteristics.
- **Avoid Harsh Chemicals:** Do not use abrasive cleaners, strong solvents, or harsh detergents, as these can damage the tile surface.
- **Furniture Protection:** Use felt pads under furniture legs to prevent scratches and indentations. Avoid dragging heavy furniture across the floor.

- **Mats:** Use non-staining walk-off mats at entrances to trap dirt and moisture. Ensure mats do not have rubber backings that can discolor vinyl flooring.

7. Troubleshooting

While ToughtecTile is a durable product, some issues may arise. Here are common concerns and general advice:

- **Tile Lifting/Curling:** This is often due to improper subfloor preparation, insufficient adhesive, or excessive moisture. Ensure subfloor is dry and clean, and adhesive is applied correctly. Professional repair may be needed.
- **Scratches/Scuffs:** While durable, heavy abrasion can cause scratches. Use furniture pads, avoid dragging heavy objects, and keep the floor free of abrasive debris. Minor scuffs may sometimes be buffed out with a soft cloth and appropriate cleaner.
- **Discoloration:** Can be caused by prolonged exposure to direct sunlight (UV radiation) or contact with certain rubber products (e.g., rubber-backed mats). Use blinds or curtains to minimize sun exposure and use non-staining mats.

For persistent or severe issues, it is recommended to contact a professional flooring specialist.

8. Warranty and Support

For specific warranty information regarding your Toli ToughtecTile LHT2081 product, please refer to the documentation provided at the time of purchase or contact your retailer. Warranty terms typically cover manufacturing defects and may vary based on region and supplier.

For further support or technical inquiries, please contact your authorized Toli distributor or retailer.

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