



Made of High-Performance Synthetic Fiber

For use under today's popular MLF/LVT/Rigid Core with attached back, Laminate, Engineered, and Solid Hardwood Flooring

Don't get stuck  
with a noisy floor

Distributed By Pelican Int'l / Solstone Surfaces



## Scotchgard™ Guardian

Acoustical Underlayment

# Scotchgard Guardian



- **Noise Guard:** Significantly reduces impact and airborne noise, ensuring a quieter guest experience.
- **Moisture Protection:** Block-Out® moisture guard resists spills and protects subfloors.
- **Antimicrobial Defense:** Fresh Dimension® technology inhibits mold, mildew, and odor-causing bacteria.
- **Comfort:** Adds a layer of support, making hard-surface flooring more enjoyable.
- **Durability:** Provides long-term support to withstand high-traffic environments.
- **Easy Installation:** Lays flat and masks minor subfloor imperfections—suitable for above and below grade.

## Scotchgard Guardian Specifications

### Specifications

- Composition- Made of High-Performance Synthetic Fiber
- Density- 13.5 lbs./ft<sup>2</sup> or 13.0 oz/yd<sup>2</sup>
- Thickness- 0.080" (2 mm)
- R-Value- 0.269
- Color- Gray
- Moisture Barrier- Block-Out Moisture Guard
- Castor Durability Test- Passes 25,000 Cycles\*
- Dimensions- 72" x 60'
- Ft<sup>2</sup>/Roll- 360
- Yd<sup>2</sup>/Roll- 40
- Roll Weight- 32 lbs.

\* Castor Durability Test is a method used to assess the longevity and performance of a floorcovering by subjecting it to repeated cycles of load, movement, and direction changes under controlled conditions.

# Scotchgard Guardian

## ACOUSTICAL PROPERTIES

- Impact Insulation Class (IIC): 72
- HIIC: 89
- $\Delta$  IIC: 24
- Sound Transmission Class (STC): 64
- Reduces up to 10 decibels of in-room noise and an overall improvement between floors of 25%



• \*All test results are well above acceptable thresholds.\*

## TESTS

- IIC- measures how well a floor/ceiling assembly reduces impact sounds (i.e., footsteps). A higher rating means better noise reduction.
- HIIC- covers a narrower range of sounds than IIC, but in a higher frequency range.
- $\Delta$  IIC- measures the difference between IIC rating before & after installing underlayment. (higher rating indicates better performance)
- Sound Transmission Class (STC)- measures how well product resists airborne sound transmission. (STC 55-60 is considered the best level of satisfaction).

# Scotchgard Guardian Installation

## Easy installation

- When unrolled, the product lays flat eliminating memory rollback
- Only 1/16" thick, can be installed under floors that may already have an attached back
- Helps mask irregularities in the subfloor surface

Enhance guest satisfaction and focus on reducing the sound of footsteps and echoes with Scotchgard™ Guardian Acoustical Underlayment by Tred-MOR. Designed for the unique demands of the hospitality industry and engineered for excellence.