



Scotchgard™ Guardian Acoustical Underlayment

- Business Office
- Senior Living
- Campus Housing



- Luxury Vinyl/WPC/SPC with Attached Back
- Laminate
- Engineered and Solid Hardwood Flooring

PRODUCT OVERVIEW

Scotchgard™ Guardian acoustical underlayment features high-performance synthetic fiber for premium protection under today's most popular flooring types. Guardian significantly reduces impact and airborne noise while providing long-term comfort and support.

SPECIFICATION DATA

Item no.	BM0096	BM0097
Density	13.5 lbs/ft ³ or 42 oz/yd ²	13.5 lbs/ft ³ or 42 oz/yd ²
Thickness	0.080" (2 mm)	0.080" (2 mm)
Dimensions	36" x 33.33'	72" x 60'
Ft ² /roll	100	360
Roll weight	9 lbs	32 lbs
Color	Gray	Gray
R-value	0.269	0.269
Shore A hardness	55 ASTM D2240	55 ASTM D2240
IFD @ 25%/65%	9.0 lbs/459.4 lbs	9.0 lbs/459.4 lbs
Moisture barrier	Block-Out® Moisture Guard	Block-Out® Moisture Guard
Permeance	2.373 ASTM E96*	2.373 ASTM E96*
Water vapor emission	0.521 lbs/1000 ft ² /24 hr ASTM E96	0.521 lbs/1000 ft ² /24 hr ASTM E96
Castor durability Test	Passes 25,000 Cycles**	Passes 25,000 Cycles**
Material content	Made of high-performance synthetic fiber	
Indoor air quality	Passes California Section 01350 for low VOC emissions	

ACOUSTICAL PROPERTIES

Impact Insulation Class (IIC)	72
HIIC	89
ΔIIC	24
Sound Transmission Class (STC)	64

PROTECTION

Indoor air quality	Passes California Section 01350 for low VOC emissions
Antimicrobial	Fresh Dimension®

* Conduct moisture tests in accordance with flooring manufacturer installation guidelines and requirements
 ** Passes Castor Durability Test for 25,000 cycles when tested under minimum of 3 mm double-glued luxury vinyl plank and minimum 3.2 mm floating-click

Shore A Hardness: ASTM D2240
 IFD: ASTM D3574
 Permeance: ASTM E96
 IIC: ASTM E492-09 / ASTM E989-06
 Δ IIC: ASTM E2179-03
 STC: ASTM E90 / ASTM E413-10

