

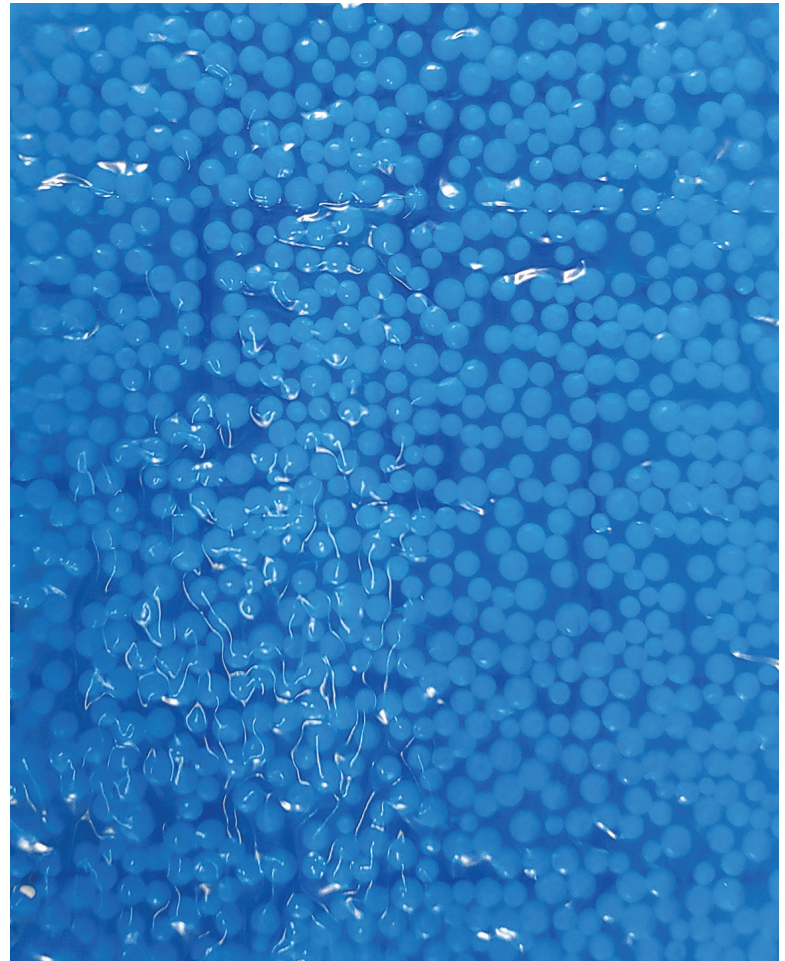
# AIRGUARD®



## Premium Underlayment

The **ONLY** underlayment that includes **MICROBAN®** antimicrobial protection.

PROTECTION THAT LIVES ON  
**MICROBAN®**



### MOISTURE PROTECTION

Built-in vapor barrier for moisture protection  
Patented AirFlow Technology provides consistent air movement under the flooring to safely release vapor emissions through the perimeter of the room and away from flooring  
Provides a barrier between subfloor and finished floor  
4" film overlap with adhesive strip seals seams



### ANTIMICROBIAL PROTECTION

MICROBAN® antimicrobial protection prevents the growth of stain and odor-causing bacteria, as well as mold and mildew growth  
Safeguards the health of your floors, and ultimately promotes a healthier indoor air quality



### PREMIUM CUSHIONING

Helps provide a comfortable walking surface  
Helps eliminate minor subfloor imperfections



### SUPERIOR SOUND CONTROL

Absorbs impact sounds for quiet footfalls  
Provides deep, rich sound  
Exceeds building code requirements



### RADIANT HEAT

Adds R-value to chilly floors to reduce cold transfer from subfloor to flooring.  
Suitable for use with radiant heat flooring

## SUPERIOR MOISTURE & SOUND PROTECTION

ROBERTS® AirGuard® Premium Underlayment is a comprehensive protection system for use under laminate and engineered wood flooring. Compatible with most radiant heat systems, AirGuard features innovative AirFlow Technology, and is the only underlayment to include MICROBAN® antimicrobial protection to safeguard your floors against mold, mildew and odor-causing bacteria.

### PRODUCT RATINGS\*

IIC  
68

STC  
67

R-Value  
0.432

Δ Delta  
20

PROUDLY  
MADE IN USA



\* IIC measures sound such as moving furniture and walking, STC measures sound such as voices and television. Minimum IIC and STC sound rating requirement is 50 according to the International Building Code. R-Value is the rating used to measure resistance to heat flow. Δ Delta Rating is the only true measurement of sound reduction from a product (not a floor assembly) in the industry.

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### SPECIFICATIONS (+/-10%):

Material Composition	Clear Film Bottom, Polyshim Center, Blue Moisture Barrier Top
Thickness	2 mm
Compression Set	ASTM D3574 - 6.3%
Compression Strength	ASTM D3574 - 4.7 PSI
Indentation	ASTM F1914 - 0.046" at 50lbs
Smoke Density	ASTM E662 - PASS
Flammability Test	ASTM D2859 (CPSC FF1-70) - PASS
Thermal Resistance (R-Value)	0.432
Water Vapor Permeance	ASTM E96 - 0.286 lbs/1000 ft <sup>2</sup> /24 hrs
Antimicrobial Protection	Fortified with MICROBAN® Antimicrobial Protection
Installation Methods	Floating
Warranty	Limited Lifetime Warranty

### AVAILABILITY (ROLL SIZES):

Item #	70-105	70-105-1
Roll Size	100 ft <sup>2</sup> (9.3 m <sup>2</sup> )	630 ft <sup>2</sup> (58.5 m <sup>2</sup> )
Roll Width	40" (1.02 m)	40" (1.02 m)
Roll Length	30' (9.14 m)	189' (57.61 m)



### Applications:

Residential & commercial

### Approved Substrates:

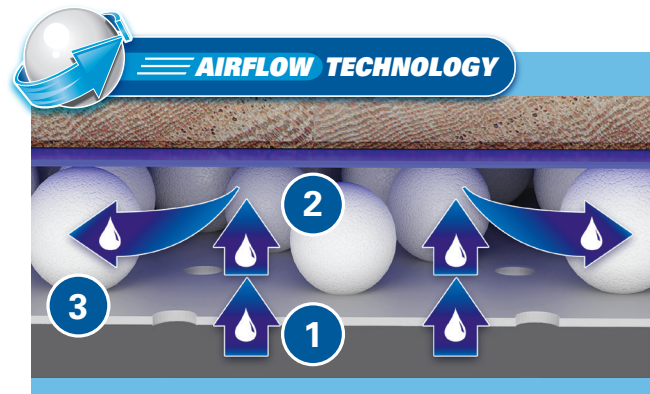
Cured concrete, interior plywood, & properly prepared OSB (skim coat may be required)

### Approved for Use Under:

Laminate flooring & engineered wood flooring

### Locations:

Below-grade, on-grade, & above-grade



- 1 Moisture penetrates bottom layer
- 2 Moisture blocked by top layer
- 3 Moisture released out the sides as vapor

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