

AIRGUARD®



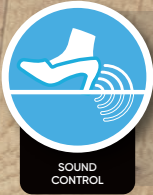
Premium Underlayment



SUPERIOR MOISTURE PROTECTION
Unique AirFlow Technology releases trapped moisture as a vapor to prevent damage to your floors or subfloors.



INDUSTRIAL-GRADE MOLD & MILDEW DEFENSE
The first underlayment to feature **MICROBAN** mold and mildew-fighting solution.



EXCEEDS SOUND DAMPENING REQUIREMENTS
Earning a STC score of 67, an IIC score of 68 and DELTA IIC of 20.



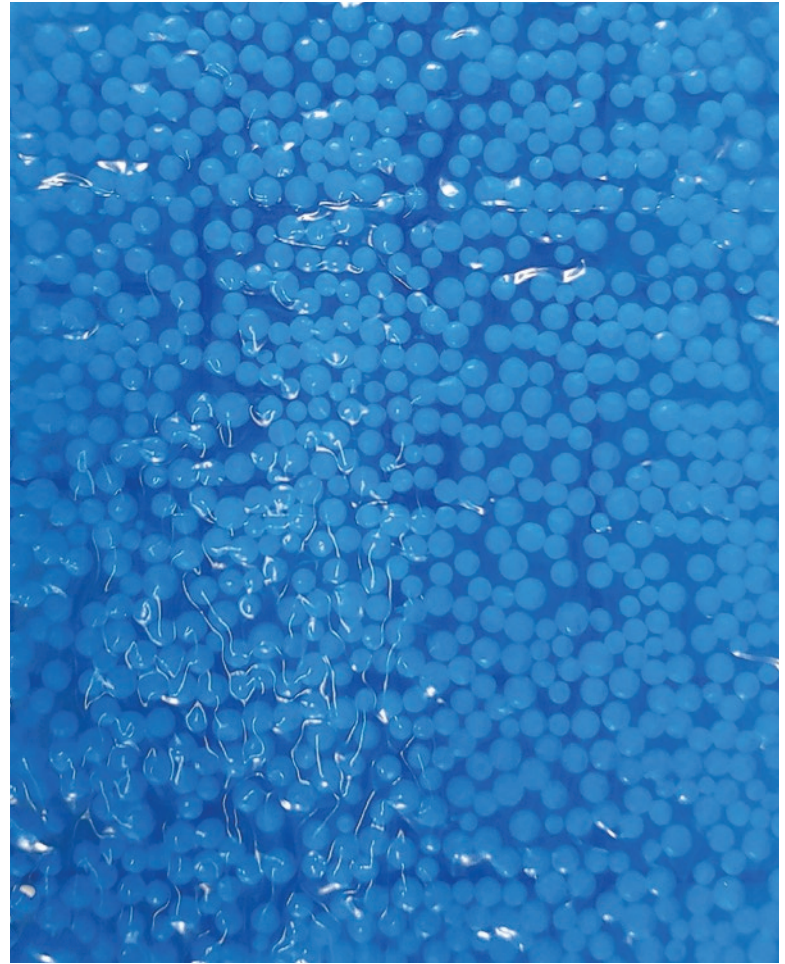
RADIANT HEAT
Take the chill from your floors with added R-Value (.432). Ideal for use with radiant heat flooring.



PREMIUM CUSHIONING & LEVELING
Soften the hardness of your floor's surface and eliminate minor subfloor imperfections.



EASE OF INSTALLATION
Self-sealing lip and tape system help ensure the ultimate moisture barrier.



PREMIUM MOISTURE, MOLD & MILDEW DEFENSE

ROBERTS® AirGuard® Premium Underlayment is rated #1 for use under laminate and engineered wood flooring. With superior advanced moisture protection, unparalleled mold / mildew defense, premium cushioning and superior sound control, no other underlayment even comes close.

PRODUCT RATINGS*

IIC
68

STC
67

R-Value
0.432

Δ Delta
20

made in
USA



Scan here for
PRODUCT
INFORMATION



* 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.

#1 RATED Underlayment for Laminate & Engineered Wood

AIRGUARD®

Premium Underlayment



PRODUCT RATINGS*

IIC
68

STC
67

Δ Delta
20

R-Value
0.432

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 ² /24 hrs
Antimicrobial Protection	Fortified with MICROBAN® Antimicrobial Protection
Installation Methods	Floating
Warranty	Limited Lifetime Warranty

AVAILABILITY (ROLL SIZES):

Item #	70-105	70-105-300E	70-105-1
Roll Size	100 ft ² (9.3 m ²)	300 ft ² (27.87 m ²)	630 ft ² (58.5 m ²)
Roll Width	40" (1.02 m)	40" (1.02 m)	40" (1.02 m)
Roll Length	30' (9.14 m)	90' (27.43 m)	189' (57.61 m)

Applications:

Residential & commercial

Approved Substrates:

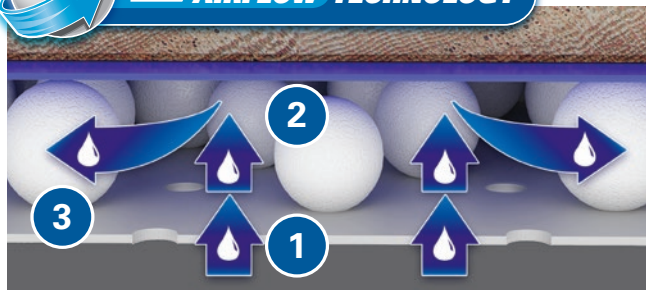
Cured concrete, interior plywood, & properly prepared OSB (skim coat may be required)

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

