AIRGUARD®
Premium Underlayment

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

MOISTURE VAPOR RESISTANT

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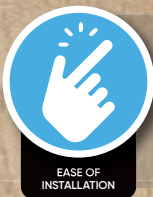The first underlayment to feature MICROBAN mold and mildew-fighting solution.

MOLD & MILDEW DEFENSE

EXCEEDS SOUND DAMPENING REQUIREMENTS
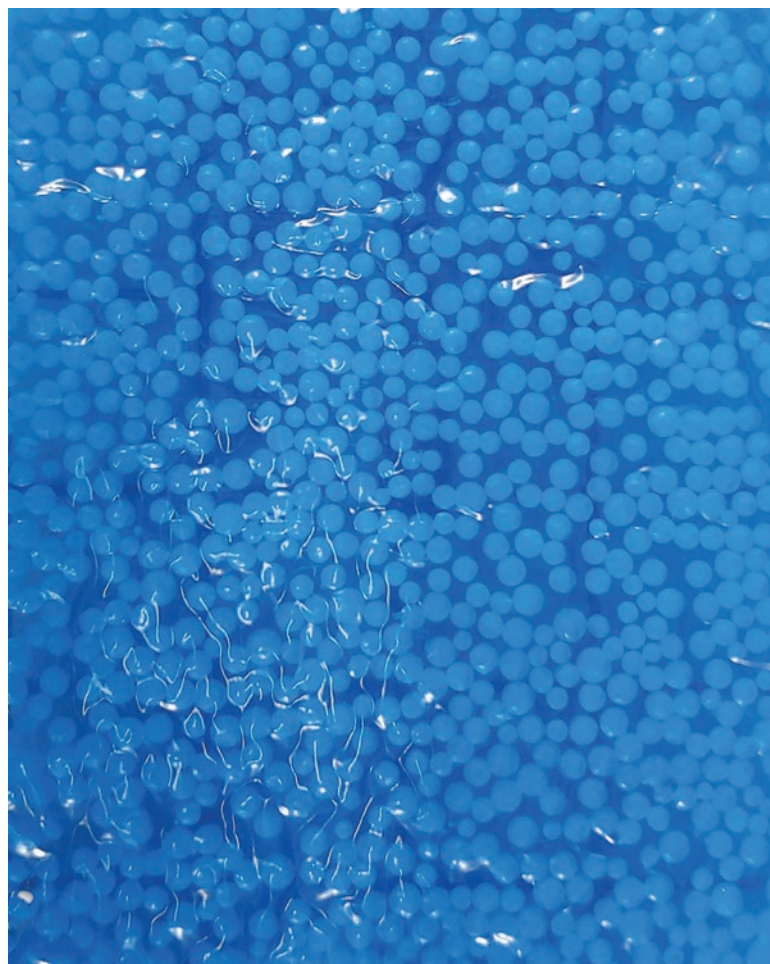IIC 68, STC 67, DELTA IIC 20.

SOUND CONTROL

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

RADIANT HEAT

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

CUSHIONING & LEVELING

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

EASE OF INSTALLATION

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	STC	R-Valve	Δ Delta
68	67	0.432	20

made in USA

LIFETIME LIMITED WARRANTY

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-Valve 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 ft²/24 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 ft² (9.3 m²)	300 ft² (27.87 m²)	630 ft² (58.5 m²)
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)

LIFETIME LIMITED WARRANTY

PROTECTION THAT LIVES ON
MICROBAN®

made in USA

Applications:
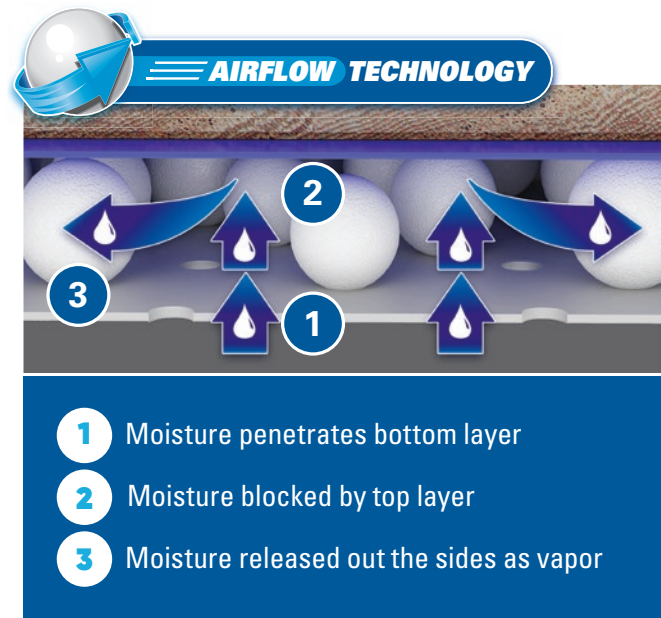Residential & commercial

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

AIRFLOW TECHNOLOGY

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