

QuietWalk®

Underlayment for Laminate, Engineered
and Floating Hardwood Floors



Think Green!

CERTIFIED RECYCLED AND
HEALTHIER INDOOR AIR QUALITY

QuietWalk® is a unique, earth-friendly, insulating laminate and floating wood floor underlayment that smoothes out little subfloor imperfections while quieting impact sound and floor to ceiling noise. QuietWalk dampens ambient sound in the room it's installed in and helps minimize impact and airborne sound from traveling into the room below. QuietWalk's unique manufacturing process and recycled fiber composition allows it to dissipate moisture; from both below and above, while retaining its exceptional compression resistance over the lifetime of the floor.



ADVANTAGES

- Sound absorption.

QuietWalk's filaments are randomly air-laid creating a capillary affect to cushion the floor, absorb sound, and help make laminate floors sound more like real wood.

Impact Insulation Class (IIC) = 71 over a 6" concrete subfloor with a suspended ceiling assembly

Field Impact Insulation Class (F-IIC) = 60

Sound Transmission Class (STC) = 66 & 54

- Moisture protection.

When installed properly, QuietWalk can wick sub-floor or incidental perimeter moisture and disperse it through the pad. Moderate amounts of moisture will eventually dissipate over time by perimeter or sub-floor evaporation, provided the source of water such as a leak is stopped.

- Smoothing out minor sub-floor imperfections.

QuietWalk is firm enough (density=13.3lbs/ft³; compression resistance @ 25% = 9.5 psi) to support the overlaying floor, but flexible enough to form around sub-floor surface roughness that may otherwise cause laminate panels to "rock" or lay unevenly.

- Adding insulation value.

QuietWalk will add an R-Value of .50 to the floor system.

- Economical Alternative to Rubber and Cork.
- Approved for use with infloor heating systems.

QuietWalk is ideally priced as a quality upgrade from 2 in 1 polyethylene or polystyrene products and is less costly than most froth foam, cork or rubber underlayments with similar sound numbers.

ENVIRONMENTAL ATTRIBUTES

- Quietwalk is certified by Scientific Certifications Systems (SCS) to contain **94%** post industrial/pre-consumer fibers. QuietWalk is LEED™ compliant and will contribute to MRc4.1-4.2 credits.
- QuietWalk is also Indoor Air Quality Certified through SCS and conforms to the Collaborative for High Performance Schools (CHPS) – CA Section 01350

LIMITATIONS

QuietWalk is not suitable for use as underlayment for:

- Ceramic tile
- Glued-down wood
- Sheet-vinyl
- VCT

Installations over concrete in high moisture areas (Vapor emission rate above 6 lbs/ 1000 sq ft/ 24 hrs) will require additional protection such as a concrete sealant or polyethylene vapor barrier.

PACKAGING

Quiet Walk is available in 3' x 33.4' (100 sq ft) do-it-yourself size rolls and 6' x 60' (360 sq ft) contractor size rolls.

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APPROVED SUBSTRATES

- Dry, completely cured concrete (at least 28 days old)
- Concrete and masonry blocks
- Cement backer units (CBU)
- Cementitious screeds, leveling coats and mortar beds
- Waterproofing and crack-isolation membranes
- Wood, plywood, or OSB subfloors that meet NWFA Subfloor Guidelines and Specifications, and meet applicable building codes.
- Cement terrazzo floors

PREPARING THE SURFACE

1. Be sure the subfloor surface is clean and dry.
2. In geographic areas where concrete slabs are subject to excessive moisture, a calcium chloride moisture test is required. Vapor emission readings in excess of 6 lbs. per 1,000 square feet in 24 hours will require additional protection such as a concrete sealant or polyethylene sheeting.

INSTALLATION

1. Roll Quiet Walk underlayment over the subfloor with the vapor barrier film (logo imprinted side) facing up to allow the laminate flooring to slide easily over the surface.
2. The perimeter edges of Quiet Walk need to be 1/2 to 3/4 inches away from the wall.
3. Seams need to be butted together flush, do not overlap the pad. Tape the seams with water and tear resistant, utility-grade, poly-coated cloth backed tape that has a very aggressive adhesive (duct tape).
4. Install laminate flooring according to the manufacturer's installation instructions.

TECHNICAL DATA

Physical Properties

Blended synthetic fibers and polyethylene film.
Inert hot-melt adhesive.

Weight 20 oz / sq yd (2.22 oz / sq ft)

Thickness 0.125"

Density 13.3 lbs / ft³
Compression Resistance @ 25% 9.5 psi
Compression Resistance @ 30% 16.6 psi
Compression Resistance @ 50% 85.5 psi
Breaking Strength Length 72.1 lbs; Width 100 lbs
Compression Set @ 25% 18.8%
R-Value (@0.125") 0.52 hr-ft²-degF/Btu (4.19/ inch)

Flammability

Meets or exceeds Federal Flammability Standard:
1-70 (Pill Test) and ASTM E84 Steiner Tunnel Test.

Volatile Organic Compounds (VOC)

Tested for 81 different off-gas compounds in accordance with CA 01350. Passed to the level of Collaborative for High Performance Schools (CHPS) and Office Spaces.

Product Emissions

Passed the most rigorous emissions test: Section 01350 for CHPS and Standard Office 8mm Laminate.

Sound Properties

Impact Sound Transmission. The method is designed to measure the impact sound transmission performance of a floor-ceiling assembly in a controlled laboratory environment.

IIC	Flooring	Sub-floor
71	Laminate	6" concrete with ceiling assembly
57	Floating Engineered Wood	6" concrete with ceiling assembly
68	Laminate	8" concrete with suspended gypsum board assembly
60 (Field IIC)	Laminate	8" concrete (no ceiling assembly)

Sound Transmission Loss. The sound-insulating property of a partition element is expressed in terms of the sound transmission loss.

STC	Flooring	Sub-floor
66	Floating Engineered Wood	8" concrete with suspended gypsum board assembly
52	Laminate	8" concrete (no ceiling assembly)
52	Laminate	Wood frame and gypcrete

Delta Test

EN-ISO 140-8 Delta Test $\Delta L_w \geq 19$ dB QW & laminate. Subfloor: 150 mm (approx. 6") concrete.

Moisture Absorption Properties

Moisture Absorption Approx. 650% by weight

Moisture Statement. Quiet Walk™ will absorb and allow dispersion throughout the product of water moisture in accumulations not exceeding one gallon per 24 hrs per 300 square feet of product and/or allowed to continue to accumulate for more than 7 days. Actual in-house tests have shown results up to 5 times that amount.

