QUIETWALK LV®

MULTIPURPOSE UNDERLAYMENT

Delta△IIC 28
IIC 70
STC 62
*With ceiling assembly

For Use Under
- Rigid Core Vinyl
- WPC/ SPC
- LVT/LVP
- Laminate
- Hardwood

Installation Methods
- Floating
- Glue Down (4mm+)
- Mechanically Fastened


MULTILAYER FLOORING UNDERLAYMENT


SUPERIOR SOUND CONTROL


EXCLUSIVE MOISTURE PROTECTION


ADDING INSULATION VALUE


MADE FROM RECYCLED CONTENT



INSTALLATION METHODS

FLOATING FLOORS
1. Roll out underlayment and flip over so vapor barrier side is facing up and butt seams together
2. Apply moisture barrier seam tape, and ensure underlayment seams run perpendicular to the floor covering seams
3. Click & lock floating floors over the top according to manufacturer

DOUBLE GLUED DOWN FLOORS
1. Double Glue Down installations are approved with flooring that is a minimum thickness of 4mm.
2. Roll out underlayment and flip over so vapor barrier side is facing up and butt seams together, ensure seams run perpendicular to the flooring seams
3. Adhere to subfloor using pressure sensitive adhesive and recommended trowel size and install method
4. Roll over the underlayment with a 75 or 100 pound roller
5. Adhere flooring over the top using floor manufacturer's recommended adhesive and trowel size. Follow all adhesive manufacturer's instructions for appropriate bonding

MECHANICALLY FASTENED HARDWOOD FLOORS
1. Unroll the underlayment and ensure vapor side is up and fibers are to the subfloor.
2. Install underlayment in opposite direction to the flooring material. You can

tape the seams but it is not necessary.

3. Install the hardwood per manufactures written instructions, using their recommended fastening materials.

*ENSURE TO READ THE COMPLETE INSTALLATION INSTRUCTIONS BEFORE INSTALLATION

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
- Suitable with Radiant Heat Systems

SPECIFICATIONS
- **Physical Properties:** Blended synthetic fibers and polyethylene film. Inert hot-melt adhesive.
- Weight ..... 9lbs/100sf roll : 30lbs/360sf roll
- Thickness 1.4mm
- Density ..... 18.28 lbs / ft^3
- R-Value(@1.4mm) ..... 0.528 hr-ft2-degF/Btu (9.58/ inch)
- Compression Resistance @ 50% (ASTM D1667) 64.58psi
- Compression Set @ 25% (ASTM D1668) 8.8%
- Break Strength ..... Length 28.3 lbs. Width 31.4 lbs.
- Antimicrobial Protection ..... Yes
- WVTR ..... 0.12lbs/1000ft^2 /24hrs
- Moisture Emissions Allowance ..... 6lbs/1000ft^2 /24hrs

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
70	5mm Vinyl Plank	over a 6" concrete subfloor with a suspended ceiling assembly
55	5mm WPC	over a 6" concrete slab
63	3.5mm Vinyl Plank w/ attached pad	over a 8" concrete slab
62	5.5mm Vinyl Plank	over a 8" concrete slab

SOUND TRANSMISSION LOSS
The sound-insulating property of a partition element is expressed in terms of the sound transmission loss.

STC	Flooring	Sub-floor
62	5mm Vinyl Plank	over a 6" concrete subfloor with a suspended ceiling
54	3.5mm Vinyl Plank w/ attached pad	over a 8" concrete slab
52	5.5mm Vinyl Plank	over a 8" concrete slab

DELTA TEST
Tests the impact insulation difference between a bare concrete subfloor with no flooring materials and the same concrete subfloor with flooring and underlayment.

Delta IIC	Flooring
28	QWLV under 5mm Vinyl Plank

LIMITATIONS
QuietWalk LV is not suitable for use as underlayment for:
- Ceramic tile
- Carpet
- Sheet-vinyl
- VCT

*Commercial applications require minimum floor thickness of 4mm

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.

SUSTAINABILITY AND LEED
- QuietWalk LV contains post industrial/pre-consumer fibers.
- QuietWalk LV is LEED ™ compliant and will contribute to:
  - -MRc4.1-4.2 recycled content credit
  - -EQ 4.3 low-emitting materials credit
- QuietWalk LV is GreenGuard Gold certified

Volatile Organic Compounds (VOC)
Meets low emissions standards with zero offgassing.



PACKAGING
Roll Sizes: **3' x 33.4' (100 sq ft)** do-it-yourself size rolls
6' x 60' (360 sq ft) contractor sized rolls

100 SF ROLLS: QW100LV
54 rolls per pallet, 1 box per pallet
3456 rolls per truck, 64 pallets per truck

360 SF ROLLS: QW360LV
24 rolls per pallet, 32 pallets per truck
768 rolls per truck

REV: 0825