

QUIETWALK

MULTIPURPOSE UNDERLAYMENT



Delta Δ 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
- 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. Underlayment should run perpendicular to the flooring.
2. Tape seams with built-in lip/tape or high-quality tape. Use moisture barrier underlayment seam tape over concrete subfloor.
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 flooring adhesive and recommended trowel size. Do not allow the adhesive to flash or dry to tack.
4. Roll 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 perpendicular to the flooring material. You can tape the seams, but it is not necessary.
3. Install the hardwood per manufacturer's 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 / ft³
- 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/1000ft² /24hrs
- Moisture Emissions Allowance 6lbs/1000ft² /24hrs
- Perm Rating of Vapor Barrier 0.06

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.



ROLL SIZE	SQ FT/ ROLL	MODEL NUMBER
3'x16'8"	50 SF	QW50LV
3'x33'4"	100 SF	QW100LV
3'x66'8"	200 SF	QW200LV
6'x60'	360 SF	QW360LV



Scan for current pallet & truck configurations, or visit www.mpglobalproducts.com/packout-information/