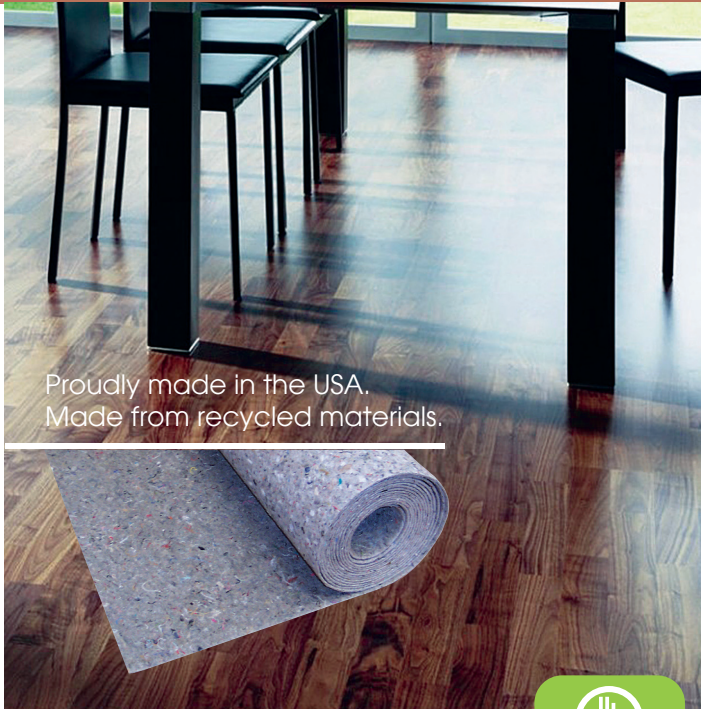


Dream Home Insulayment Premium Underlayment



Proudly made in the USA.
Made from recycled materials.

FOR USE BENEATH:

- Glue-Down or Nail-Down Solid Wood
- Glue-Down or Nail-Down Floating Engineered Wood



- Multi-purpose underlayment with 100 square feet per roll.
- Perfect for glued-down, nailed hardwood or engineered wood floors.
- Insulates sound* and cushions floors.
- Helps keep floors warm in winter and cool in the summer.
- Antimicrobial structure.
- Meets or exceeds most condo associations' sound proofing requirements.

LL Flooring recommends Dream Home Insulayment Underlayment for the best support, and sound absorption.



ADVANTAGES

- Sound absorption.**
 Absorbs sound, keeps it from traveling to other rooms.
 Also help to make the wood floor feel more solid underfoot.
- Smoothing out minor sub-floor imperfections.**
 This cushion is firm and supportive but flexible enough to form around subfloor surface roughness, helping to cut down on extra surface prepping time.
- Adding insulation value.**
 Provides additional comfort to the entire home during seasonal temperature changes.
- Made from 100% Recycled Material.**
 A patented manufacturing process repurposes post-industrial and post-consumer materials into high-performance underlayment.
- Approved for use with infloor heating systems.**
 Allows heat to permeate evenly while helping to protect the floor covering material from thermal shock.
- Certified clean and safe indoor air quality.**

ENVIRONMENTAL ATTRIBUTES

- Insulayment is GREENGUARD and GREENGUARD Gold certified for low chemical emissions (UL2818) and conforms to Collaborative for High Performance Schools (CHPS) – CA Section 01350
- Insulayment contains 94% post industrial/pre-consumer fibers.
- Insulayment is LEED™ compliant and will contribute to:
 - MRC4.1-4.2 recycled content credit
 - MRC5.1 – 5.2 regional content 20-30% credit
 - EQ 4.3 low-emitting materials credit

LIMITATIONS

All sub-floor assemblies should be tested for moisture vapor emission rates by utilizing anhydrous calcium chloride test kits for concrete or a certified moisture meter for wood. Do not install flooring material when in excess of flooring manufacturers recommendations for moisture vapor emissions.

Packaging

Insulayment Underlayment is available in 3' x 33.4' (100 sq ft) do-it-yourself size rolls

TECHNICAL DATA

Physical Properties: Blended synthetic fibers
 Weight: 21.4 oz / sq yd (2.38 oz / sq ft)
 Thickness: 0.11" +/- 0.02"
 Density: 16.2 lbs / ft³
 Compression Resistance @ 25% 23.2 psi
 Compression Resistance @ 30% 37.0 psi
 Compression Resistance @ 50% 219.6 psi
 Breaking Strength: Length 78.4 lbs; Width 63.3 lbs
 Compression Set: @ 25% 18.8%
 R-Value (@0.125"): 0.57 hr-ft²-degF/Btu (5.18/ 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

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
60 (Field IIC)	3/8" Engineered Wood over Insulayment	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
50	1/2" hardwood over Insulayment	Wood frame

INSTALLATION

Refer to the Insulayment Underlayment Installation Guidelines document for complete installation details.