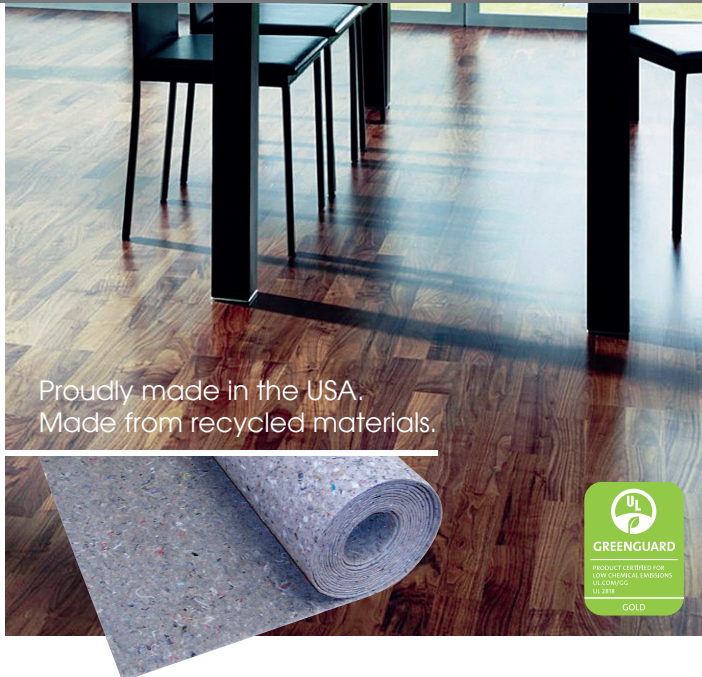


# Dream Home

## Insulayment 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.

**LUMBER  
LIQUIDATORS**  
— IS NOW —  
**LL Flooring™**  
[LLFlooring.com](http://LLFlooring.com)

# Insulayment Underlayment

## 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 / ft <sup>3</sup>
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-ft <sup>2</sup> -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.