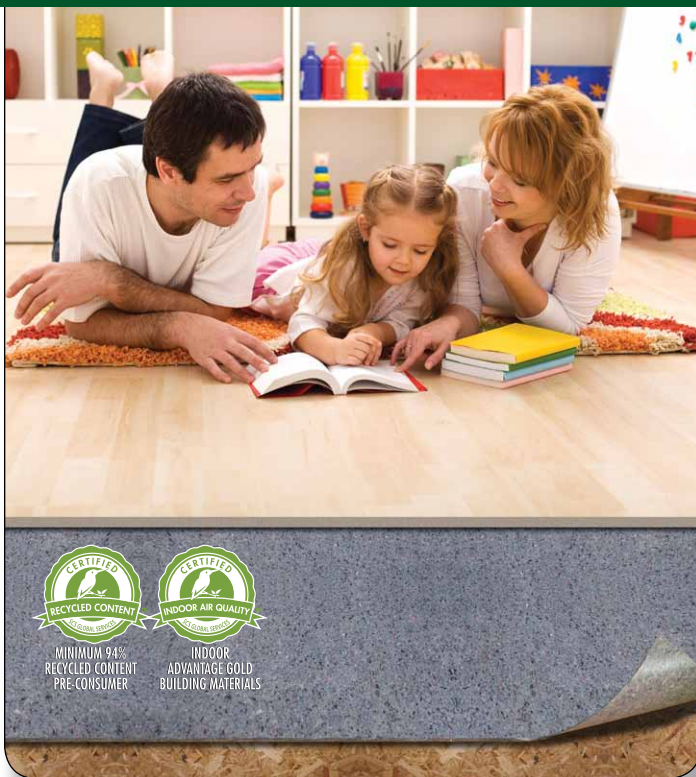


Insulayment®

MULTI-PURPOSE FLOORING UNDERLAYMENT
THAT INSULATES, DEADENS SOUND & SUPPRESSES CRACKS



For Use Under:

- Laminate Flooring
- Glue and Nail Down Wood
- Floating Porcelain Tile
- Ceramic Tile

ADVANTAGES



SOUND ABSORPTION

Insulayment'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.



SMOOTHING OUT MINOR SUB-FLOOR IMPERFECTIONS.

Insulayment is firm enough 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.



APPROVED FOR INFLOOR HEATING SYSTEMS

The patented process used to make Insulayment® creates a three dimensional fiber matrix that allows heat to permeate evenly while helping to protect the floor covering material from thermal shock



ADDING INSULATION VALUE

Insulayment will add a thermal "break" to the flooring assembly with an r-value of approximately .57



MULTIPURPOSE

Insulayment can be used over all types of industry approved subfloors.

ENVIRONMENTAL ATTRIBUTES

- Insulayment is certified by Scientific Certifications Systems (SCS) to contain 100% post industrial/pre-consumer fibers. Insulayment is LEED™ compliant and will contribute to MRc4.1-4.2 and EQc4.3 (Low-Emitting Materials).
- Passed Section 01350 for CHPS and Standard Office
- CHPS-listed product

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



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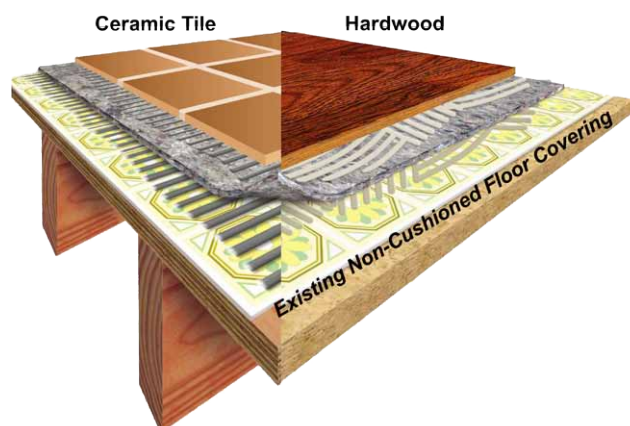


APPROVED SUBSTRATES

- 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
- Double layered exterior-grade plywood 1 1/4" (32 mm) total thickness, for residential floors and in dry areas only.
- Cement terrazzo floors
- Vinyl composition tile (VCT) or non-cushioned sheet vinyl provided the existing floor covering is still adhered tightly to a level, even and structurally solid subfloor, and is free from excessive wax, grease or sealants

INSTALLATION

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



TECHNICAL DATA

Physical Properties

Blended synthetic fibers.

Weight	21.38 oz / sq yd (2.38 oz / sq ft)
Thickness	0.11" +/- 0.02"
Density	16.2 lbs / ft ³
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 ² -degF/Btu (5.7/ 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" Engineered Wood	Wood Frame Construction