

TruFuze ARMOR

For Use Under

- Laminate
- Engineered Wood

Installation Methods

- Floating

Delta Δ IIC UP TO 23
IIC 68
STC 63
*With ceiling assembly



EXCELLENT
SOUND
CONTROL



EXTREME
MOISTURE
PROTECTION



REFLECTIVE
HEAT
LINING

INSTALLATION METHODS

FLOATING FLOOR INSTALLATION INSTRUCTIONS

1. Roll out underlayment and butt seams together
2. Remove the tape strip from the edge and secure lip and tape edges together for proper moisture protection.
3. Click and lock floating floors over the top according to manufacturer's instructions

*ENSURE TO READ THE COMPLETE INSTALLATION INSTRUCTIONS BEFORE INSTALLING

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 NFWA Subfloor Guidelines and Specifications, and meet applicable building codes.
- Cement terrazzo floors

SPECIFICATIONS

- Material Recycled polyethylene foam
- Weight 5 lbs per roll
- Thickness 2mm
- Density 3.5#
- WVTR 0.16 g/1000ft²/24 hour day
- R-Value N/A
- Compression Set @ 25% N/A
- Roll Size 48" X 25' (100 sf)
 15 rolls per box 8 boxes per pallet 120 rolls per pallet
 3120 rolls per truck 26 pallets per truck

ADVANTAGES

- Excellent sound ratings reduce reflective noise and transmission of sounds
- Exceeds requirements for moisture vapor transmission
- Superior compression characteristics to support click-together system
- Can use over concrete and wood subfloors
- Suitable over radiant heated floors
- Film lip and self-sealing tape for ease of installation
- Eliminates minor subfloor imperfections
- Humidity, mold & mildew resistant



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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
68	Laminate	over a 6" concrete subfloor with a suspended 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
63	Laminate	over a 6" concrete subfloor with a suspended ceiling

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
Up to 23	Trufuze Armor under Laminate

LIMITATIONS

Silent Armor is not suitable for use as underlayment for:

- Ceramic tile
- Carpet
- Sheet-vinyl
- VCT

Installations over concrete in high moisture areas (vapor emission rate above 3 lbs/ 1000 sq ft/ 24 hrs) will require additional protection such as a concrete sealant or polyethylene vapor barrier.

