

LockStep Specification

DESCRIPTION

LockStep is a high-quality acoustical underlayment made with high density polyurethane to provide sound absorption for both Mannington glue down LVT and SPC installations. LockStep is engineered to provide exceptional sound insulation results when used on concrete, wood, or (above grade) gypsum substrates. LockStep is not recommended in heavy rolling load areas.

For other substrates or installation question please contact our Commercial Technical Services team at 800-241-2262 Ext 3 or technicalservice.commercial@mannington.com

FEATURES

- Reduces noise by providing exceptional sound absorption for both LVT glue down and floating installations
- Accommodates for minor subfloor irregularities
- Suitable for use with radiant heat
- PVC free
- Low VOC
- Contains 10% post-consumer recycled content
- Easy installation
- Made in the USA

APPLICATIONS

- Multi-family housing
- Hospitality
- Senior living housing
- Student living/housing
- Military housing

ADHESIVES

- V-88 Transitional Adhesive
- XpressStep Full Coverage Spray

Specification

TECHNICAL DATA

- Ordering Code: 560650
- Roll Size: 3' x 33.34' (100 sq. ft.)
- Roll weight: 0.13 lbs (59 gms) 2.1 oz/SF, 13.13 lbs(5.96 kg)/Roll
- Thickness: 1.2 mm
- 4 mm SPC over LockStep over 6" concrete - STC: 50
- 4 mm SPC over LockStep over 6" concrete - IIC: 60
- 2.5 mm LVT over LockStep over 6" concrete - STC: 52
- 2.5 mm LVT over LockStep over 6" concrete - IIC: 52
- 4 mm SPC over LockStep over 6" concrete with drop ceiling - STC: 60
- 4 mm SPC over LockStep over 6" concrete with drop ceiling - IIC: 69
- 2.5 mm LVT over LockStep over 6" concrete with drop ceiling - STC: 61
- 2.5 mm LVT over LockStep over 6" concrete with drop ceiling - IIC: 64
- Static load rating: 175 psi
- Density: 30 lbs/cu. ft.
- MVTR/Perm Rating: 0.1 Perm
- Thermal Resistance; R-Value 0.068
- Indoor Air Quality: GreenGuard Gold Certified
- Flammability Rating: Passes Federal Flammability Standards DOC-FF-1-70
- Product Emissions: Exceeds VOC emissions requirements
- Radiant heat up to max surface temperature of 85° F.

MOISTURE LIMITS

- Glue Down: 95% RH (glue down moisture will mirror adhesive used)
- SPC: 90% RH, 8 lbs MVER