Reliance Carpet Cushion Specs

Indoor Air Quality – Version/Revision 2.0 Nov 10, 2015 (Meets or Exceeds All Green Labeling Emissions Criteria. A Non V.O.C. Emitter.)

Quiet Tech Insulation Specifications

Performance & Benefits

Quiet-Tech Insulation offers soundproofing capabilities that help reduce two types of noise:

1. Sound Transmissions between walls: Quiet-Tech can decrease noise from room to room by up to 50%
2. Sound Absorption of 95% and is a very effective product for sound dampening rooms.

Compliance Testing

- ASTM C518 (Thermal Conductivity: R-Value (2") 6.7)
• ASTM E84 (Surface Burning Characteristics; Class A)
• ASTM C1338 (Resistant to Mold and Mildew: Passed)
• ASTM C167-15 (Dimensional Tolerance: Passed)
• ASTM C1304-08 (Odor Emission: Passed)
• ASTM E970-17 (Critical Radiant Flux Gas: Passed)

Acoustical Performance Testing

• STC (Sound Transmission Class) : ASTM E90-09
• NRC (Noise Reduction Coefficient) : ASTM C423 or ASTM E795

SafePath Products Specifications

• Composition: 100 percent reclaimed 20 mesh minus crumb rubber with urethane binders, formed by compression molding.
• Standard heights of single or multiple piece construction.
• Attributes:
  o Tensile strength: Minimum 630 PSI, tested to ASTM D412.
  o Compression: Maximum 7.84 percent, tested to ASTM D395.
  o Hardness: Shore A 65, tested to ASTM D2240.
  o Absorption: Maximum 0.75 percent, tested to ASTM C1026.
  o Density: 1.01 grams per cubic meter.
• Performance requirements:
  o Static coefficient of friction; tested to ASTM C1028:
    ▪ Dry: 0.95.
    ▪ Wet: 0.79.
  o Fixed angle walking: Static coefficient of friction of 0.50, tested for bare foot, Red Wing Iris walking shoes, Converse 2D 1292 tennis shoes, and Naturalizer 78ON73 wedge sandals; tested using male and female personnel facing up and down slope at angle of 27 degrees with running water.
• Surface coating: StoneCap.
  o Base material: Two component, rapid-curing, hand-applied, non-solvent adhesive coating.
  o Top coat: Single-component, rapid curing, clear, non-solvent polyurethane sealer.