

ES-CUSHION

SPECIFICATION GUIDE

Product Summary	ES-Cushion
<p>ES Cushion modular carpet tile cushion offers a premium passive vibration isolation barrier for use under most types of modular tile. When the Modular PVI is used, the transmission of sound vibration created by activity on the floor becomes largely isolated while passing through to the ceiling below. In addition, the high-quality design and density provides support and comfort underfoot, while also extending carpet life.</p>	Made with synthetic rubber
	Includes StainSTOP™ moisture barrier
	Single or Double Bond High Moisture Resistant Adhesive
	Features Guardian™ antimicrobial
	CRI Green Label Plus-certified for indoor air quality
	Warranted for the life of the carpet tile
	CRI Green Label Plus-Certified

» COMFORT DATA

Compression Set: 15%

Method 601/12151

CLD PSI @ 25% Deflec. Min: 7

CLD PSI @ 65% Deflec. Min: 45

Min. ASTM-D2646

Breaking Strength PSI Length: 45

Breaking Strength PSI Width: 41

» PROTECTION

Indoor Air Quality:

CRI Green Label Plus - certified

Antimicrobial: Guardian™

Warranty: 10-Year limited

» PRODUCT SPECIFICATION DATA

Traffic Classification: Extra-Heavy Material

Weight: ≈ 75 lbs

Density: 33 lbs/cubic ft

Length: 135'

Thickness: 0.156"

Product Dimensions: 54" x 30'

Mfg. Tolerances: Width: +/-1%

Thickness: +0.030/-0.015

Approx. Shipping Wt: 124 lbs per roll

Color: Green

Material Content:

Made with Synthetic Rubber

Design Configuration: Flat/Flat

Backing Top: Spunbonded

Backing Bottom: Poly-Tek

Moisture Resistant: 98%

StainSTOP™

» ACOUSTICAL PROPERTIES

Impact Insulation Class: 65 (ASTM E492)

Delta(IIC): 32 (ASTM E2179)

Sound Transmission Class (STC):

52 (ASTM E90)

Sound Absorption (NRC):

0.30 (ASTM C 423-81)

» THERMAL INSULATION

R-Value: 0.270

K-Value: 0.577

Meets Federal Spec:

Class I (ZZ-00811B, Type I)

Electrostatic: 3.4 (AATCC-134)

» FLAME CERTIFICATION

Pill Test (DOC-FF 1-70)

Smoke Chamber

Flooring Radiant Panel: Not applicable to separate carpet cushion. Carpet must be tested in composition with cushion.

» BENEFITS

- Provides passive vibration isolation of sound transfer through floors.
- Offers support while increasing carpet life.
- Inhibits the growth of mold, mildew, and odor-causing bacteria.
- Keeps spills from penetrating to subfloor.
- 100% recyclable at the end of its useful life.