

Product Data

QQ Step Soft™

A Recycled Rubber Mat (2 mm to 10 mm) for Impact Noise in Typically Added Flooring

Description

QQ Step Soft™ is a recycled rubber flooring underlayment for sound isolation and impact noise control. The rubber material provides a resilient layer within the flooring assembly for reducing vibration noise. QQ Step Soft™ is a critical component in meeting International Building Code requirements for ceiling/floor noise reduction performance. QQ Step Soft™ passes the Federal Flammability Standard, meets CHPS standards for VOCs, and passes the ASTM C627 reliability standard for residential use.

Applications

- ✓ Hardwood
- ✓ Engineered wood
- ✓ Laminate
- ✓ Vinyl plank
- ✓ Ceramic tile
- ✓ Stone
- ✓ Under concrete

For application instructions: see QQ Step Soft™ Installation Instructions

Features

Advantages

Benefits

Engineered hardness	Optimized resiliency	Effective impact noise reduction
Increased dynamic-to-static load ratio	Efficient spring action	Thinner material required vs. other resilient underlayments
Recycled material	LEED credits	Environmentally friendly
Low VOC content	CHPS VOC-complaint	Low odor
High density	No creep or long-term degradation	Long life
Low compressibility	Strength under load	Reliable tile installations
95% + recycled material	Reduced manufacturing costs	Lower unit cost to customer

Acoustical Performance (ASTM E2179-03)

QQ Step Soft Delta IIC on Tile

QQ Step Soft
(5 mm)



21 dB

Approved Substrates

- ✓ Sealed gypsum concrete
- ✓ Concrete
- ✓ Radiant heat

Compliances

- ✓ Reliability: ASTM C627
- ✓ VOC emissions: CHPS section 01350 F
- ✓ Flame: federal flammability DOC FF 1-70

Composition

- ✓ Recycled rubber (black matrix)
- ✓ Recycled rubber flooring (color flecks)
- ✓ Urethane as binder

Packaging (Others by request)

Product Name	Thickness	Length	Area	Roll Weight
QQ Step Soft 02/035	2.0 mm	50 ft.	200 sq. ft.	94 lbs.
QQ Step Soft 05/035	5.0 mm	25 ft.	100 sq. ft.	88 lbs.
QQ Step Soft 06/035	6.0 mm	25 ft.	100 sq. ft.	105 lbs.
QQ Step Soft 08/035	8.0 mm	20 ft.	80 sq. ft.	116 lbs.
QQ Step Soft 10/035	10.0 mm	20 ft.	80 sq. ft.	147 lbs.

Typical Properties

Property	Test Method	Value
Density	ASTM D-792	47
Tensile Strength	ASTM D-412	90 psi
Elongation at Break	ASTM D-412	50%
Durometer	ASTM D-2240	35
Compression Set B	ASTM F-147	30
Tear PPI	ASTM D-624	30

See installation instructions for methods and procedures.

LIMITED WARRANTY: Keene Building Products, Inc. warrants to the initial purchaser only that the goods sold hereunder will be free from defects in material and workmanship and, except as otherwise set forth herein, will conform to the specifications provided. If any failure to meet this warranty appears within one year from the date of shipment of the goods, on the condition that Keene Building Products, Inc. will correct any such failure by either replacing or repairing any defective goods, at Keene Building Products, Inc.'s option.

The preceding paragraph sets forth the exclusive remedy for all claims based on failure of or defect in the goods sold hereunder, whether such failure or defect arises before or during the warranty period and whether a claim, however instituted, is based on contract, indemnity, warranty, tort (including negligence), strict liability or otherwise. The forgoing warranty is exclusive and is in lieu of all other warranties whether written, oral, implied or statutory.

QUIET QURL is a component in an overall floor/ceiling assembly. Its performance is affected by every other component and the likelihood of achieving code compliance is contingent upon many other trades including framers, plumbers, drywall contractors to name a few. Developers and general contractors are responsible for building properly and testing field performance as soon as possible in order to assure the reliability of the project.

WARNING: Laboratory tests are not a guarantee of field performance because of the issues noted above and many other design errors that may occur. Please consult a professional acoustical consultant to assure plans are proper and that the floor/ceiling assembly can perform to expectations.



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