

GenieMat® DH755

ROLL-OUT SOUND CONTROL UNDERLAYMENT



PRODUCT SPECIFICATIONS

PRODUCT NAME:	GenieMat DH755
DESCRIPTION:	GenieMat DH is a floor underlayment mat made from up to 94% recycled content, optimized to achieve maximum impact sound reduction at minimum thickness. Ideal for new multifamily housing, retrofits, and commercial buildings.
APPLICATION:	Flat, resilient underlayment used directly under a variety of floor finishes such as vinyl, porcelain tile, and wood or placed directly under gypsum concrete in concrete, steel, and wood-frame construction.
FEATURES AND BENEFITS:	• Optimized design significantly reduces impact sound at minimum thickness • Mold, bacteria, fungi, and water resistant • Meets and exceeds pass criteria for point load test for crack isolation membrane (ANSI 118.12) • Can be installed directly under hard surface or resilient floor coverings • Meets requirements for VOC emissions (IAQ test, ASTM D5116/ISO 16000-9) • Complete floor covering system warranty available • Floorscore® certified • Third-party verified EPDs available • Qualifies for LEED® points
DIMENSION:	Roll: 4' wide, 50' long (nom. 1.22 m wide, nom. 15.24 m long)
THICKNESS:	1/8" (nom. 3 mm)
WEIGHT:	90 lb/Roll (40.8 kg/Roll)
AREA:	200 ft² (18.58 m²)
DENSITY:	Shall be > 46 lb/ft³ (737 kg/m³)
QUANTITY/PALLET:	20

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TECHNICAL DATA

TYPE A HARDNESS (ASTM D2240):	45 (±5) Durometer
LABORATORY IMPACT INSULATION CLASS (ASTM E492/E2179, ISO 10140-3):	GenieMat DH755 tested over 8" (nom. 200 mm) concrete slab with 1/16" (nom. 1.6 mm) vinyl plank in a floating installation, no ceiling, IIC 58 GenieMat DH755 tested over 8" (nom. 200 mm) concrete slab with 1/4" (nom. 6.4 mm) engineered hardwood in a floating installation, no ceiling, IIC 57 GenieMat DH755 tested over 8" (nom. 200 mm) concrete slab with ceramic tile, polymer modified thin set no ceiling, IIC 52
NATURAL FREQUENCY:	Shall not be greater than 83 Hz at 200 psf (0.01 MPa) load
ROBINSON WHEEL TILE TEST (ASTM 627):	Moderate commercial with tile
POINT LOAD TEST FOR CRACK ISOLATION MEMBRANES (ANSI 118.12):	Exceeds pass criteria
DYNAMIC STIFFNESS (ASTM D5992, ISO 4664-1):	5638 lbf/in ³ (1530 MN/m ³)
STATIC STIFFNESS (ASTM D5992, ISO 4664-1):	827 lbf/in ³ (224 MN/m ³)
DYNAMIC-STATIC STIFFNESS RATIO (ASTM D5992, ISO 4664-1):	6.82
VOC EMISSIONS (CDPH/EHLB STANDARD METHOD v1.2-2017):	FloorScore® certified
TEMPERATURE STABILITY:	-40°F to +240°F (-40°C to +115°C)

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