



ACOUSTIC PRODUCTS DIVISION

STEP ABOVE™ Flooring Underlayment

DESCRIPTION

STEP ABOVE™ Flooring Underlayment is an acoustically engineered material designed to reduce footstep noise and to provide protection from moisture, mildew and mold. It is manufactured from low density 80 mil crosslinked polyolefin with a 3 mil vapor barrier and lip and tape edge for easy application.

APPLICATIONS

STEP ABOVE™ Flooring Underlayment is an excellent choice for nail-down wood floors, floating wood floors, engineered wood floors and laminate flooring installations.

PRODUCT AVAILABILITY:

- 40 in. x 30 ft. rolls = 100 sq.ft. (Part#: FLR08040X30LD)

TECHNICAL DATA:

ACOUSTIC PROPERTIES

Test Standard	Rating
Impact Insulation Class (IIC) (ASTM E492-90, ASTM E989-89)	IIC = 59
Sound Transmission Loss (STC) (ASTM E90-02, ASTM E413-87)	STC = 53

CHARACTERISTICS

Physical Property	Value	Test Standard
Color (Foam / Film)	White / Black	n/a
Thickness (Film)	0.08 in. (3 mil)	n/a
R Value	3.19 (ft ² – F -hr/Btu – in.)	n/a
Thermal Stability 24 hrs. @ 158°F Maximum	M -2.0% CM -1.0%	n/a
Thermal Conductivity K factor @ 70°F	0.25 Btu/(hr)(ft ²)F/in.	n/a
Water Absorption	0.04 lbs/sq.ft	ASTM D1667
Water Vapor Transmission	0.04 grains/h per sq.ft	Wet Cup Method
Shore Hardness	A Scale 7 OO Scale 51	ASTM D2240
Elongation to Break	M 124% CM .88%	ASTM D3575

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CHARACTERISTICS (COND.)

Physical Property	Value	Test Standard
Tensile Strength	M 60 psi CM 39 psi	n/a
Tear Resistance	M 6 lbs/in. CM 11 lbs/in.	n/a
Compression Set	28 % of original thickness	ASTM D3575
Compression Strength	5 psi @ 25% 14 psi @ 50%	ASTM D3575

The information contained herein is typical and based upon the results of controlled laboratory tests. The information is accurate to the best of American Micro Industries, Inc.'s knowledge. Product performance may vary based on the particular application and installation techniques utilized.

