

TEST REPORT

DATE: 12-30-2024

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TEST NUMBER: 0313136

CLIENT	Urban Surfaces
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TEST METHOD CONDUCTED	ASTM F137 Test Method for Flexibility of Resilient Flooring Materials with Cylindrical Mandrel Apparatus
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DESCRIPTION OF TEST SAMPLE	
IDENTIFICATION	Sound-Tec Plus Modified Core
CONSTRUCTION	LSPC 4.5mm 20mil 9x60
BACKING	1.5mm EVA Pad

GENERAL PRINCIPLE

The flexibility of a specimen is determined by flexing the material around mandrels of varying sizes. The mandrel sizes range from 6 mm to 120 mm in diameter. The specimen is flexed 180° around the mandrel and then examined for cracking or breaking. If none exists, the procedure is repeated on the next smaller mandrel. The procedure is continued until the material breaks or cracks or until the smallest mandrel is passed.

TEST RESULTS

FACE OUT MACHINE DIRECTION 1	DOES NOT PASS	128 mm Mandrel
FACE OUT MACHINE DIRECTION 2	DOES NOT PASS	128 mm Mandrel
FACE OUT CROSS DIRECTION 1	DOES NOT PASS	128 mm Mandrel
FACE OUT CROSS DIRECTION 2	DOES NOT PASS	128 mm Mandrel
FACE IN MACHINE DIRECTION 1	DOES NOT PASS	128 mm Mandrel
FACE IN MACHINE DIRECTION 2	DOES NOT PASS	128 mm Mandrel
FACE IN CROSS DIRECTION 1	DOES NOT PASS	128 mm Mandrel
FACE IN CROSS DIRECTION 2	DOES NOT PASS	128 mm Mandrel

APPROVED BY:



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