

## Greatmats Specialty Flooring Spectation™ Technical Data Straight Edge and Interlocking Tiles

### Description

Dual Durometer Vulcanized Rubber Tile

### Technical Specifications

ASTM Specification	ASTM F1344 Standard Specification for Rubber Floor Tile
ASTM F1344 Classification	Type IIB Grade 1
Tile Size	Square Cut - approx. 39.37" x 39.37" and Interlocking - approx. 38.58" x 38.58" Surface Hammered
Backing	Smooth
Weight	~ 3.065 lbs./sq.ft.
Overall Thickness	9mm (+ 0.387 mm or - 0.127 mm per ASTM F386)

Safety	Test	Requirement	Results
Critical Radiant Flux	ASTM E648	> 0.45 w/cm <sup>2</sup> or higher for Class 1	Class 1 - 0.91
Smoke Optical Density	ASTM E662	≤ 450	246 flaming / 280 non-flaming - Pass
Slip Resistance	ASTM D2047	none	0.75

### Performance

Dimensional Stability	ASTM F2199	≤ 0.15%	Pass
Shore Hardness	ASTM D2240	Shore Hardness A ≥ 85	> 85
Chemical Resistance	ASTM F925	Best = No Change	No Change

### Durability

Wear Layer Thickness	ASTM F410	≥ 0.04" (1 mm)	> 2 mm
Abrasion Resistance	ASTM D3389	H18,500gr,1000cycles, ≤ 1.0gr	Pass
Residual Indentation	ASTM F970	≤ 0.005 inch	Pass
Warranty		Commercial Use	5 years

### Adhesive

Mapei G21 Two-Part Urethane      ≤ 75% RH (ASTM F2170) ≤ 5 lbs. (ASTM F1869) No pH testing required      1/16 x 1/16 x 1/16 Square-notch trowel (FCA) Coverage ~ 125-185 sq. ft.

### LEED v3

IEQ Credit 4      Recycled Content      For 1 point each: \$ value of all materials = min. average 10% and 20% recycled content      >25% recycled (pre-consumer)

## Spectation Tile 9mm Technical Data

### LEED v4

Material and Resources  
(MR)

Sourcing of Raw Materials

For 1 point: use products that meet at least one of the responsible extraction criteria for at least 25%, by cost, of the total value of permanently installed building products.  
(Option 2)

Recycled Content: >25% pre-consumer

Indoor Environmental  
Quality (IEQ)

Low Emitting Materials  
(Adhesives)

For up to 3 points: achieve threshold emission compliance for the required number of product categories or using the budget calculation method.

Mapei G21 is Green Label Plus  
Certified®

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3/2017