Summit International Flooring
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READYRAZZO TILES

Technical Data

Description
Homogeneous resilient terrazzo floor covering. Manufactured from marble and/or glass chips embedded in a flexible thermoset resin and then polished to a high-resolution finish.

Technical Specifications	
Tile Size	Standard: 2' x '2; Optional: 2' x 4'
Surface	Smooth
Backing	Smooth
Weight	2.15 lbs./ft^2
Overall Thickness	3/16" / 4.8mm

Safety	Test	Requirement	Results
Critical Radiant Flux	ASTM E648	> 0.45 w/cm^2 or higher for Class 1	1.09 = Class 1
Smoke Density	ASTM E662	Specific optical density (corrected): max. 450 in the flaming and non-flaming mode	Pass
Slip Resistance	ASTM D2047	none (not suitable for ramps)	0.8
Slip Resistance	ASTM C1028	none (not suitable for ramps)	Dry 0.66 and Wet 0.70

Performance			
Antistatic Behavior	EN 1815	Antistatic: less than 2 kilovolts (kV)	< 2 kV
IIC Acoustical Test	ASTM-E 492-90	Impact Sound Transmission	52dB
STC Acoustical Test	ASTM E90-09 (2016) ASTM E413-16	Airborne Sound Transmission Loss Classification for Rating Sound Insulation	53dB

Durability			
Residual Indentation	EN 433	< 0.2 mm	< 0.2 mm Pass
Shore Hardness	ASTM D2240	Shore Hardness Type A	> 100
Static Load	ASTM F970	Residual Indentation ≤ 0.005" under 250 lbs. pressure	≤ 0.005" under 1000 lbs.
Warranty	Commercial Use - 20 years		

Adhesive			
Mapei Ultrabond ECO 373 or ECO MS4	<90% RH (ASTM F2170)	1/16" x 1/16" x 1/16" Square-Notched Trowel (concrete slab substrate)	125 to 185 sq. ft. (11,6 to 17,2 m^2) per 1 U.S. gal. (3,79 L)

LEED v3			
MR Credit 4	Recycled Content	For 1 - 2 points: $ value of all materials = min. average 10% recycled content	Marble: Up to 15% pre-consumer & 20% post-consumer; Gem: Up to 21% pre-consumer & 41% post-consumer depending on aggregate material
IEQ Credit 4.1	Low-Emitting Materials (Adhesives)	For 1 point: low-emitting adhesive with a VOC of 70 g/L or less for multipurpose adhesive	Mapei Ultrabond ECO 373 is CRI Green Label Plus #GLP12617 certified and Living Building Challenge (LBC) Red List Free: This product has been verified per the most current Red List on the LBC Website.
IEQ Credit 4.3	Low-Emitting Materials (Flooring)	For 1 point: mineral based finished floor that does not include an organic-based coating or sealer	Marble: Up to 15% pre-consumer & 20% post-consumer; Gem: Up to 21% pre-consumer & 41% post-consumer depending on aggregate material
MR Credit 5	Regional Materials	For 1 - 2 points: The material must be manufactured within 500 miles of the project location	

LEED v4			
Material and Resources (MR)	Environmental Product Declarations	For 1 point: use at least 20 different permanently installed products sourced from at least five different manufacturers that have a publicly available EPD. (Option 1)	3rd Party Certified EPD Pending
Material and Resources (MR)	Material Ingredients	For 1 point: use at least 20 different permanently installed products from at least five different manufacturers that use any a USGBC approved program for reporting material ingredients. (Option 1)	HPD Available
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 Ultrabond ECO 373 or MS4 is CRI Green Label Plus #GLP12617 certified and Living Building Challenge (LBC) Red List Free: This product has been verified per the most current Red List on the LBC Website.