

## Floorazzo Tile 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 <sup>2</sup>
Overall Thickness	3/16" or 1/8" on request

Safety	Test	Requirement	Results
Critical Radiant Flux	ASTM E648	> 0.45 w/cm <sup>2</sup> 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
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### 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	<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 <sup>2</sup> ) per 1 U.S. gal. (3,79 L)
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**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)	3 <sup>rd</sup> 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 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.