

# Technical Specifications

## Part I – General

Nurazzo is manufactured from marble and glass chips embedded in an epoxy resin and then polished to a high-resolution finish. Nurazzo Tile can contain up to 70% post consumer recycled contents. Prior to installation, Nurazzo tile should be stored in a controlled environment inside the building for 72 hours at a minimum temperature of 70 degrees F. Pallets of tile should be broken down, removed from packaging and tile stacked to facilitate the warming process. Keep all traffic off the completed floor for 24 hours.

## Limited Warranty

Nurazzo is warranted to be free from workmanship or material defects at the time of shipment. Due to natural characteristics of stones there could be some shade variance. Any claimed defect must be received in writing by Nurazzo within the first year of installation. Under normal usage Nurazzo Tile are warranted against excessive wear in recommended applications for a period of 20 years.

## Part II – Product

Nurazzo is 12" x 12", 12" x 24", or 24" x 24" square –edged, 3/16" or 1/4" gauge and 4" x 48" or 6" x 48" straight cut edge base. Shades may vary due to natural characteristics of Nurazzo Tiles.

## Technical Data

Abrasive Resistance – ASTM D-4060	35 mg
Impact Resistance – MIL-D3134F	Withstands 16 ft/lbs without cracking, delamination or chipping
Slip Resistance – ASTM D-2047	
Wet	.62
Dry	.85
Compressive Strength – ASTM C-579, 7 days	10,000 psi minimum
Tensile Strength – ASTM C-307	2,500 psi
Flame Spread – ASTM D-84	20
Smoke Generation – ASTM E-622	
Flaming	124
Non-Flaming	20
Fire Rating	Class A
Water Absorption – ASTM D-570	0.01%
Freeze Thaw – ASTM 6-1026	No Effect
Stain Resistance – ASTM D-2299	Completely removed after 24 hours
Toxicity Material Safety Data	Negative
Critical Radiant Flux – ASTM D-648	1.0 (Class 1)
Fungus and Bacteria Growth – MIL-F-5205	Will not support growth of fungus or bacteria when subjected to mildew and bacteria tests
Indentation – MIL-D3134f	Withstands 2,000 lbs/sq. in. for 30 minutes without indentation
Flexural Strength – ASTM C-580	3,000 psi
Thermal Coefficient of Expansion – ASTM -531	$21 \times 10^{-6}$

