



Technical Specifications for Q Quartz from MSI

Group 1:

Bayshore Sand, Bianco Pepper, Frost White, Iced White, Pebble Rock, Snow White, Sparkling White, Arctic White, Iced Gray, Manhattan Gray, Meridian Gray, Peppercorn White, Sparkling Black, Stellar Gray, Midnight Majesty, Midnight Majesty Concrete, Mirano Gray, Mystic Gray, Stellar White, Hazelwood, Premium Plus White, Bedrock, Concerto, Shadow gray, Fantasy Gray, Babylon Gray, Babylon Gray Concrete, Gray Lagoon, Gray Lagoon Concrete, Urban Lava Concrete, Chakra Beige, Solare, Toasted Almond, Pearl Gray, Galant Gray, Glacier White, Marbella White, Montclair White, Romano White

Group 2:

Carrara Delphi, Shell White, Carrara Breve, Carrara Marmi, Carrara Mist, Carrara Morro, Fossil Brown, Fossil Gray, Alabaster White, Antico Cloud, Calacatta Alto, Calacatta Karmelo, Calacatta Lavasa, Calacatta Vicenza, Calacatta Vicenza matte, Carrara Caldia, Cashmere Taj, Chantilly Taupe, Fairy White, Pacific Salt, Sahara Beige, Calacatta Ultra, Calico White, Carrara Lumos, Cashmere Carrara, Mara Blanca, Blanca Arabescato, Blanca Statuarietto, Calacatta Botanica, Calacatta Clara, Calacatta Delios, Calacatta Prado, Soapstone Mist, Soapstone Metropolis, Soapstone Mist Concrete, Soapstone Metropolis Concrete, Solare, Calacatta Arno, Calacatta Trevi, Calacatta Montage, Calacatta Monaco, Calacatta Valentin, Lido Blanco, Perla White, Calacatta Versailles

Group 3:

Calacatta Bali, Calacatta Sierra, Calacatta Classique, Marquina Midnight, New Calacatta Laza, New Calacatta Laza Gold, Statuary Classique, Calacatta Leon, Calacatta Leon Gold, Calacatta Venice, Calacatta Bolina, Calacatta Ida, Calacatta Laza, Calacatta Laza Night, Midnight Corvo, Midnight Corvo Concrete, Calacatta Abezzo, Calacatta Azai, Calacatta Goa, Calacatta Izaro, Calacatta Luccia, Calacatta Solessio, Calacatta Verona.

Group 4:

Smoked Pearl, Vena Carbona, Rolling Fog, Portico Cream

Group 5:

Calacatta Miraggio, Calacatta Miraggio Gold, Calacatta Miraggio Duo.



Premium Natural
QUARTZTM

| TEST | PROPERTY | GROUP 1 | GROUP 2 | GROUP 3 | GROUP 4 | GROUP 5 |
|----------------------|--|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|
| ASTM C97/C373 | Absorption (%) | 0.09% | 0.07% | 0.07% | 0.08% | 0.07% |
| | Density | 2.37 | 2.33 | 2.37 | 2.43 | 2.18 |
| ASTM C99 | Modulus of Rupture (psi) | 7,495 | 4,430 | 2,835 | 1,980 | 3,175 |
| ASTM C170 | Compressive Strength (psi) | 27,450 | 24,160 | 29,670 | 30,520 | 25,990 |
| ASTM C880 | Flexural Strength (psi) | 5,525 | 7,505 | 7,430 | 6,505 | 10,365 |
| ASTM C482 | Shear Bond Strength to Plywood (psi) | 180 | 190 | 150 | 170 | 185 |
| ASTM C484 | Thermal Shock 10 Cycles | Pass - No Cracking or Cracking | Pass - No Cracking or Cracking | Pass - No Cracking or Cracking | Pass - No Cracking or Cracking | Pass - No Cracking or Cracking |
| ASTM C531 | COTE (in./in./F) | 2.04E-05 | 2.44E-05 | 1.69E-05 | 2.29E-05 | 1.42E-05 |
| ASTM C648 | Breaking Strength (lb.) | 6,319 | 7,419 | 6,099 | 6,612 | 8,823 |
| ASTM C1028 | Coefficient of Friction - Dry | 0.86 | 0.97 | 1.12 | 1.04 | 0.97 |
| | Coefficient of Friction - Wet | 0.56 | 0.47 | 0.46 | 0.56 | 0.17 |
| ASTM D256 | Izod Impact (in-lbs/in. of width) | 2.78 | 5.75 | 4.51 | 3.10 | 3.93 |
| ASTM D1308 | Staining Resistance - 24 hrs Spot Test | No Staining of any Reagents | No Staining of any Reagents | No Staining of any Reagents | No Staining of any Reagents | No Staining of any Reagents |
| Mohs Hardness | Mohs Hardness | 6 | 6 | 6 | 6 | 6 |
| Fire Spread | | Flame Spread Index: 5 | | | | |
| | | Smoke Developed: 185 | | | | |
| | | Class I or A rating | | | | |

Test data on this document is based on tests performed by an external and independent laboratory.
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