Tariff Free Quartz Information

Care & Maintenance:

- For routine cleaning utilize a damp cloth or paper towel.
- For more difficult stains a small amount of mild soap can be utilized.
- DO NOT expose, in use or otherwise, Quartz to abrasive or strong alkaline or acid or free radicals or oxidizers or the like (whether high, neutral or low pH) cleaners. Various chemicals are corrosive and/or erosive in their ability to attack any structure including Quartz. Be very aware of these potential damages to your surface.

General Precautions:

- Be cautious when exposing your quartz surface to any chemicals or solvents.
- Many commonly used household cleaning products may have negative effects on the quartz surfacing.
- Never expose Quartz Surfaces to any chemicals that contain trichlorethane or methylene chloride such as paint removers and furniture strippers.
- If accidental exposure to any damaging products should occur, thoroughly rinse the affected area with water as soon as possible.

Certification:

NSF/ANSI Standard 51

The Stone Resource Quartz is NSF-51 Certified. This food-safe certification allows our quartz to be installed in hotels, hospitals, educational facilities and office buildings.

Test Data:

Test Item	Test Standard	Test Result
Apparent Density (g/cm^3)	EN 14617-1	2.35 - 2.45
Water Absorption (% in weight)	EN 14617-1	0.03%
Flexural strength (N/mm^2)	EN 14617-2	40 - 70
Abrasion resistance (mm^3)	EN 14617-4	139-174
Abrasion resistance (mm)	EN 14617-4	25.5 - 27.5
Freeze and thaw resistance (KM_{f25})	EN 14617-5	0.999
Flexural Resistance (ΔR%)	EN 14617-6	0.999
Loss in weight (Δm%)	EN 14617-6	0.000
Impact resistance (Joule)	EN 14617-9	3.4 - 6.8
Chemical resistance to acids and bases	EN 14617-10	C3
Linear Thermal Expansion Coefficient (mm/mmo^C)	EN 14617-11	17 X 10^{-6} - 20.2 X 10^{-6}
Chemical resistance to stain- olive oil, lemon juice, coffee, shower soap, wine, vinegar, washing machine soap	EN 14617-10	No discoloration even after 24 hrs
Chemical resistance to stain – dishwasher soap	EN 14617-10	Very slight discoloration after 24 hrs
Compressive strength (MPa)	EN 14617-15	190 - 220
Mohs Value		Between 6.5 to 7.5

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