

TECHNICAL DATA

Wilsonart® Quartz



2501 Wilsonart Drive
P.O. Box 6110
Temple, TX 76503-6110

1. Distributor

Wilsonart LLC
2501 Wilsonart Drive
P.O. Box 6110
Temple, Texas 76503-6110
Toll-Free: 800-433-3222
Website: www.wilsonart.com

2. Product Descriptions

Product Composition

Wilsonart® Quartz is manufactured with up to 93 percent high quality natural quartz crystals, high quality polyester binders, and proprietary coloring agents that are homogeneous, with uniform color throughout their thickness.

Basic Limitations

Wilsonart Quartz is designed for interior use only, ideal for residential and commercial applications. Wilsonart Quartz is a solid, non-porous, highly durable surface and resistant to scratching, staining, and water absorption and is virtually maintenance free.

Fabrication

Refer to the [Wilsonart Quartz Fabrication Manual](#) or contact a Wilsonart Quartz Fabricator or Distributor for details.

Colors and Finishes

Wilsonart® Quartz has created a wide array of colors. Wilsonart Quartz is available in a polished finish.
Glossometer reading: >45

Sheet Dimensions:

	Wilsonart Quartz Standard Size
Panel Width	55" (141 cm) ± 0.39" (1cm)
Panel Length	120" (306 cm) ± 0.39" (1cm)
Thickness	Product Type 062 = 0.79" (2 cm) ± 0.060"(0.15 cm)
Thickness	Product Type 063 = 1.18" (3 cm) ± 0.060"(0.15 cm)
Approximate Weight	Product Type 062 = 10 lbs./ft ² (2 cm)
Approximate Weight	Product Type 063 = 15 lbs./ft ² (3 cm)

* The following colors (Q4001, Q4008 and Q4023) are available in 65" (165 cm) x 130" (330 cm)

Physical Properties

Test Description	Typical Results	Test
Flexural Strength (psi)	>6,000	ASTM D 790
	31 - 75	EN14617-2
Thermal Expansion Coefficient	16×10^{-6} - 20.8×10^{-6}	EN14617-11
Impact Resistance	3.4 – 7.35	EN14617-9
Stain Resistance	No Effect	EN14617-10
High Temperature Heat Resistance	No Effect to Slight Effect	NEMA LD3 3.6

Chemical Resistance (acids and bases)	C4	EN14617-10
Abrasion Resistance	>100	ASTM C501
	23.6 – 27.5	EN14617-4
Density (g/cm³)	>2.1	ASTM C97
Compressive Strength (One Axis – Dry) (psi)	>20,000	ASTM C170
Moisture Absorption	<0.03	ASTM C97
	<0.03	EN14617-1
Freeze and Thaw Resistance	0.999	EN14617-5
Fire Behavior	Class 1/A Rating	ASTM E 84

**Test results vary slightly depending on pattern.*

The information contained in this section is based on technical data which Wilsonart LLC believes to be reliable, and is intended for use by persons having knowledge of this technical area at their own discretion.

Certifications

Wilsonart Quartz is UL GREENGUARD Standard and Gold Standard Certified for low chemical emissions. NSF 51 Food Zone and FDA food contact compliant.

Wilsonart Quartz is Kosher certified under the Kashruth Division of the Orthodox Union.

3. [Care and Maintenance](#)

4. [Warranty](#)

5. **Customer Service**

For samples, literature, questions, technical assistance, or warranty information, please contact our toll-free Hotline at (800) 433-3222, Monday through Friday, 8 am – 5 pm CST, or visit our website at www.wilsonart.com.

Quartz Tech Data

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