

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
Available Sizes	120" (306 cm) x 55" (140 cm), 120" (306 cm) x 63" (160 cm), 126" (320 cm) x 63" (160 cm), 130" (330 cm) x 65" (166 cm)
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)

* Please consult Wilsonart® Quartz Design Library on www.wilsonart.com for available slab sizes by pattern

Physical Properties

Test Description	Typical Results	Test
Flexural Strength (psi)	>6,000	ASTM D 790
	31 - 75	EN14617-2
Thermal Expansion Coefficient	16 x 10 ⁻⁶ - 20.8 x 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	ISO 4586
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.

Branded Cleaner and Sanitizer Resistance for Wilsonart® Quartz per ISO 4586-2 Method 31 (B)
No effect was exhibited except as noted (* or **) on the following:

1. Beckart Environmental (Stabilized Chlorine Dioxide Mixed with Water at 3000ppm)
2. Benefect® *
3. Claire® Germicidal Cleaner (Country Fresh Scent) **
4. Claire® Disinfectant Spray Q (Country Fresh Scent) **
5. Clean Republic – All Purpose Everyday Cleaner (Hypochlorous Acid – 0.003% Solution)
6. Clorox® Anywhere® Hard Surface Sanitizing Spray *
7. Clorox® Clean-Up (Cleaner & Bleach)
8. Clorox® Disinfecting Bleach w/6% Sodium Hypochlorite (24:1/Water:Bleach)
9. Clorox® Disinfecting Spray
10. Clorox® Disinfecting Wipes
11. Clorox Healthcare® Bleach Germicidal Cleaner *
12. Clorox Healthcare® Hydrogen Peroxide Cleaner Disinfectant *
13. Clorox Healthcare® Fuzion® Cleaner Disinfectant *
14. Clorox Healthcare® VersaSure® Cleaner Disinfectant Wipes
15. Clorox® Total 360 Disinfectant Cleaner
16. Diversey™ Expose® II 256 *
17. Diversey™ Oxivir 1 *
18. Diversey™ Oxivir Tb Wipes *
19. Diversey™ Stride® Floral Neutral Cleaner
20. Diversey™ Virex® II 256 *
21. Fabuloso® Complete (Multi-Purpose Cleaner)
22. Lysol® Professional Disinfectant Spray
23. Microban® 24 Hour (Multi-Purpose Cleaner)
24. PDI Sani-Prime® Germicidal Spray
25. PDI Super Sani-Cloth® Germicidal Disposable Wipes
26. PURELL® Advanced Hand Sanitizer Gel *
27. Purell® Food Service Surface Sanitizer *
28. Purell® Professional Surface Disinfectant *
29. Purell® Healthcare Surface Disinfectant *
30. Simple Green® Concentrated (All-Purpose Cleaner)
31. Spic and Span® Everyday (Antibacterial Cleaner)

Test procedure: Listed materials were placed in contact with Wilsonart® Quartz surface under 1" (25.4mm) diameter watch cover glass for 16 hours duration prior to evaluation for effect. The branded cleaners and sanitizers listed above were cleaned with water only.

* Causes slight change of gloss or color.

** Causes slight damage, with degree of damage proportionate to length of exposure and concentration.

Branded Cleaner and Sanitizer Resistance for Wilsonart® Quartz per BIFMA HCF 8.1-2014 (Section 6 / Modified)

No effect was exhibited except as noted (* or **) on the following:

1. Beckart Environmental, Inc. (Stabilized Chlorine Dioxide Mixed with Water at 3000ppm)
2. Benefect®
3. Claire® Germicidal Cleaner (Country Fresh Scent)
4. Claire® Disinfectant Spray Q (Country Fresh Scent)
5. Clean Republic – All Purpose Everyday Cleaner (Hypochlorous Acid – 0.003% Solution)
6. Clorox® Anywhere® Hard Surface Sanitizing Spray
7. Clorox® Clean-Up (Cleaner & Bleach)
8. Clorox® Disinfecting Bleach w/6% Sodium Hypochlorite (24:1/Water:Bleach)
9. Clorox® Disinfecting Spray
10. Clorox® Disinfecting Wipes
11. Clorox Healthcare® Bleach Germicidal Cleaner
12. Clorox Healthcare® Hydrogen Peroxide Cleaner Disinfectant *
13. Clorox Healthcare® Fuzion® Cleaner Disinfectant
14. Clorox Healthcare® VersaSure® Cleaner Disinfectant Wipes
15. Clorox® Total 360 Disinfectant Cleaner
16. Diversey™ Expose II 256
17. Diversey™ Oxivir 1 *
18. Diversey™ Stride® Floral Neutral Cleaner
19. Diversey™ Tb Wipes *
20. Diversey™ Virex II 256
21. Fabuloso® Complete (Multi-Purpose Cleaner)
22. Lysol® Professional Disinfectant Spray
23. Microban® 24 Hour (Multi-Purpose Cleaner)
24. PDI Sani-Prime® Germicidal Spray
25. PDI Super Sani-Cloth® Germicidal Disposable Wipes
26. PURELL® Advanced Hand Sanitizer Gel
27. Purell® Food Service Surface Sanitizer
28. Purell® Professional Surface Disinfectant
29. Purell® Healthcare Surface Disinfectant
30. Simple Green® Concentrated (All-Purpose Cleaner)
31. Spic and Span® Everyday (Antibacterial Cleaner)

Test procedure: Listed reagent materials were placed in contact with Wilsonart® Quartz surface with a one-inch square 100% cotton cloth completely saturated and covered with a 2" (50.8mm) diameter watch cover glass for 15 minute duration. The reagents listed above were removed with clean cloth and the area was then cleaned with clean cloth and distilled water only. The surface area was allowed to dry for 1-hour prior to evaluation for effect.

* Causes slight change of gloss or color.

** Causes slight damage, with degree of damage proportionate to length of exposure and concentration.

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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