

TECH DATA

Wilsonart® ¼" Solid Surface

Distributor

Wilsonart International, Inc.
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Product Descriptions

Product Composition:

Wilsonart® ¼" Solid Surface is manufactured with acrylic resins, fire-retardant fillers and proprietary coloring agents that are homogeneous, with uniform color throughout their thickness.

Basic Limitations:

Wilsonart® ¼" (6.35mm) Solid Surface is recommended for interior decorative vertical applications only.

Fabrication:

Refer to the Wilsonart® Solid Surface Fabrication Manual or contact a Certified Wilsonart® Solid Surface Fabricator for details.

Finishes:

Final finish is completed by the fabricator and may range from matte to high gloss, depending on the customer's specification. Surfaces with gloss and semi-gloss finishes require more maintenance than matte or satin finishes. Darker colors will require special attention.

Sheet Dimensions

Wilsonart® ¼" Solid Surface Standard Size	
Panel Width:	30" (76.2cm)
Panel Length:	120" (304.8cm)
Thickness:	Product Type 025 = 0.240" (0.610cm) ± 0.015"(0.038cm)

NOTE: Sheets may be approximately one-quarter inch (6mm) longer and wider than above measurement.

Product Inventory:

Wilsonart® ¼" Solid Surface Standard Colors					
1573SL	Frosty White	1572SL	Antique White	1530TM	Beige Tempest

Wilsonart® ¼" Solid Surface is inventoried in three colors. Additional select Wilsonart® ¼" Solid Surface colors are available as a special order item.

Special Orders:

Wilsonart® ¼" Solid Surface is available at a maximum of 144" (365.8 cm). Minimum order quantities apply and require eight to ten weeks for delivery. Please contact your local Wilsonart representative for complete order requirements.

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Technical Data

Properties	Typical Results	Test
Thermal Expansion Coefficient	1.5 x10 ⁻⁵ in./in./°F	ASTM D 696
Hardness (Barcol Impressor)	62	ASTM D 2583
Impact Resistance	78 in. drop ^A	NEMA LD3-2005 Method 3.8
Izod Impact	0.24 (ft-lb.)/in	ASTM D 256 Method A
Light Resistance - Xenon	No effect	NEMA LD3-2005 Method 3.3
Stain Resistance	Pass	ANSI Z-124.3 modified
Wear and Cleanability	Pass	ANSI Z-124.3
Fungi Resistance	Pass	ASTM G 21
Bacterial Resistance	Pass	ASTM G 22
Boiling Water Resistance	No effect	NEMA LD3-2005 Method 3.5
High Temperature Resistance	No effect ^B	NEMA LD3-2005 Method 3.6
Weatherability	ΔE<5	ASTM G 155
Moisture Absorption	<0.25%	ASTM D 570 Long Term
Specific Gravity	1.78 gram/cm ³	ASTM D 792
Approximate Weight	2.2 lb./ ft ²	
Fire Behavior	Class II and Class B	ASTM E 84

^A No Fracture

^B High temperature resistance tests may have an effect on the surface; however, the surface can be renewed to "No Effect."

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

Codes and Certifications

- GREENGUARD® Indoor Air Quality
- GREENGUARD® Children and SchoolsSM
- FDA compliance for food contact
- Approved by NSF International in Class 51 for "Splash Zone" and "Food Zone" areas
- ASTM G-22 bacterial resistance
- ASTM G-21 fungal resistance

GREENGUARD® is a registered trademark of the Greenguard Environmental Institute (GEI).

Warranty and Customer Services

For samples, literature, questions, technical assistance, or warranty information please contact our toll-free Hotline at (800) 433-3222, Monday through Friday, 7 am – 7 pm CST, or visit our website at www.wilsonartssolidssurface.com .

Care and Maintenance

Care and Maintenance kits should be provided by the fabricator at installation or visit www.wilsonart.com for complete maintenance instructions.