

1. **Manufacturer**

Wilsonart LLC
2501 Wilsonart Drive
P.O. Box 6110
Temple, Texas 76503-6110
Phone: (254) 207-7000; (800) 433-3222
Fax: (254) 207-2384
Website: www.wilsonart.com

2. **Product Description**

Wilsonart® THINSCAPE™ Performance Tops are ultra-thin, self-supporting countertops that are highly durable and versatile. Featuring a European-inspired “thin” profile, THINSCAPE slabs are available in stone, woodgrain and metal designs, and are produced with coordinating design, texture and color-core combinations.

Recommended Uses

Wilsonart® THINSCAPE™ Performance Tops are ideal for single-family & multi-family builds, commercial, hospitality, retail and office furniture applications such as kitchen countertops, bath vanities, laundry room worktops, table tops and other horizontal applications.

Product Composition

Wilsonart® THINSCAPE™ Performance Tops are a composite material, made up of papers and resins to achieve an overall thickness of ½”. This construction allows the slabs to be cut, routed, sanded and fabricated with dry tooling, which includes standard carbide-tipped blades/bits and woodworking tools. Small horizontal fissures sometimes observed running along the horizontal plain of the core are inherent of the modified resin composed core material and are acceptable. Climate controlled environments for inventory of panels, fabrication processes and final installation locations are important recommended practices to minimizing these fissures.

Basic Limitations

Wilsonart® THINSCAPE™ Performance Tops are designed for interior applications only and not recommended for exterior applications. However, as no one material is suitable for all possible conditions, THINSCAPE slab properties should be checked for suitability under the specific conditions of each application.

Patterns & Colors

See all patterns and colors as listed below.

Design	Name	Core Color	Finish
TS101	Distressed Pine	Khaki	WB
TS102	Quartzite Falls	Khaki	LR
TS306	Spanish Limestone	Grey	SB
TS307	Soapstone Mist	Grey	LR
TS308	Sterling Calcutta	Grey	LR
TS309	Quartz Rapids	Grey	SB
TS311	Taj Mahal	Grey	SB
TS401	Rugged Steel	Black	NL
TS404	Black Amani	Black	LR
TS501	Calcutta Blanc	White	LR
TS503	Italian Carrara	White	LR
TS504	Volakas Marble	White	LR

Finishes

SB	Sandblasted	The sandblasting method creates a smooth, lightly textured, ultra-matte surface.
WB	Wire Brushed	Wire Brushed creates a linear texture with both matte and gloss sheen.
NL	Natural	The Natural finish has minimal texture and a low sheen.
LR	Luster	Luster has a semi-gloss sheen and a smooth surface.

Finish Availability	Imperial Measure (Inches)	Size Availability	Metric Measure (Mm)	Lbs. /Sq.Ft
WB, SB, NL, LR	1/2" (0.500)	30"x10', 30"x12', 5'x10', 5'x12'	12.7mm	3.77

Physical Properties

Test Method	Units	Scale	THINSCAPE™
Scratch resistance (EN438)	N	1 to 5 (5 best)	3
Boiling Water Immersion (EN438)	Grade (4 min)	1 to 5 (5 best)	4
Resistance to Water Vapor (EN438)	Grade (4 min)	1 to 5 (5 best)	4
Resistance to Cigarette Burn (EN438)	Grade	1 to 5 (5 best)	Not Tested
Resistance to Craziing (EN438)	Grade (Surface 4 min) Grade (Core 3 min)	1 to 5 (5 best)	Surface 5 Core 4
Modulus of Elasticity (EN ISO 178/ASTM-08)	Mpa	>11000	≥12,000
Flexural Strength (MD) (EN ISO 178/ASTM 790-07)	Mpa	> 114.0	≥180
Flexural Strength (CD) (EN ISO 178 ASTM 790-08)	Mpa	> 82.7	≥130
Tensile Strength (MD) (EN ISO 527-2 ASTM 638-08)	Mpa	> 114.0	≥140
Tensile Strength (CD) (EN 438-225)	Mpa	> 82.7	≥100
Density (EN ISO 1183/ASTM 792-08)	g/cm ²	≥ 1.40	≥ 1.45
Lightfastness (ISO 4586)	Rating (min 4)	1 to 5 (5 best)	≥4
Resistance to Surface Wear (ISO 4586)	Revolutions	Min Value 400	≥ 400
Resistance to Impact by Large Diameter Ball (ISO 4586)	Thickness Inches (mm)	Visual	(0.500") >78" (>1,980 mm)
Resistance to Staining (ISO 4586)	Rating (max 20)	Varies	≤20
Stains 1-10 (ISO 4586)	Rating (min 5)	1 to 5 (5 best)	5
Stains 11-15 (ISO 4586)	Rating (min 3)	1 to 5 (5 best)	≥ 3
Resistance to Radiant Heat (ISO 486)	Seconds	Visual	Not Tested
Resistance to Wet Heat (ISO 4586)	Rating (min 5)	1 to 5 (5 best)	5
Resistance to Dry Heat (ISO 4586)	Rating (min 4)	1 to 5 (5 best)	≥ 4
Dimensional Change MD (ISO 4586)	% MD Max	% Change	(0.500") ≤ 0.3

Dimensional Change CD (ISO 4586)	% CD Max	% Change	(0.500") ≤ 0.7
Fire Properties ASTM E-84			Class B
Flatness ISO 4586 -2 (10)	On products >1/2" (12.7mm)	5.0mm / m	5.0mm / m

3. **Handling, Storage, and Conditioning**

When handling Wilsonart® THINSCAPE™ Performance Tops, it is recommended to lift the panels individually to avoid scratching. It is recommended to prevent the decorative surfaces from sliding against one another. It is acceptable to use a gripping system, such as a suction pad.

Use flat and rigid pallets that are at least the same sizes as the panels to avoid sliding and unstable positioning. The maximum spacing between supporting boards is 24" (609.6mm). Store the panels in closed premises, safe from humidity and heat (50 to 86°F (10 to 30 °C) and 40 to 60% RH). In the case of horizontal storage on pallets, put a protective paper of an adequate size between the pallet and the panels and on the top panel. It is advisable to keep the panels wrapped inside their original packaging (plastic lining). Flat storage of the panels prevents deformations from occurring. Do not store filmed panels for longer than six months.

Prior to installation, it is recommended to store Wilsonart® THINSCAPE™ Performance Tops for approximately 48 hours in the premises with the following environmental conditions.

- Temperature from 64 to 77°F (18 to 25°C)
- Relative humidity from 40 to 60%

When installing Wilsonart® THINSCAPE™ Performance Tops, remove the protection films, (if present) from both sides simultaneously. For optimal results, we recommend that identical ventilation is assured on both sides.

NOTE: Before any fabrication and installation, always make sure that the two sides of the THINSCAPE slab are clean and that no abrasive particles are present.

Branded Cleaner and Sanitizer Resistance for Wilsonart® THINSCAPE® Performance Tops

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

1. Clorox Healthcare Bleach Germicidal Cleaner *
2. Clorox Healthcare Versa Sure Cleaner Disinfectant Wipes
3. Oxivir TB
4. Oxivir 1
5. Virex II 256
6. Benefect
7. PDI Super Sani-Cloth Germicidal Disposable Wipes
8. PDI Sani-Prime Germicidal Spray
9. Expose II 256
10. Stride Floral Neutral Cleaner *
11. PURELL Advanced Instant Hand Sanitizer *

Test procedure: Listed materials were placed in contact with Wilsonart® THINSCAPE™ Performance Tops 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.

- 4. [Warranty](#)
- 5. [Care and Maintenance](#)
- 6. **Technical Services**

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

Specification Form

Surface shall be Wilsonart® THINSCAPE™ Performance Tops, produced by Wilsonart, Temple, Texas 76503-6110

Surface

Design Number: _____ Color Name: _____

Wilsonart® THINSCAPE™ Performance Tops Technical Data
February 27, 2019
©2019, Wilsonart LLC