

## 1. **Manufacturer**

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## 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 Crazeing (EN438)                            | Grade (Surface 4 min)<br>Grade (Core 3 min) | 1 to 5 (5 best) | Surface 5<br>Core 4                              |
| Modulus of Elasticity (EN ISO 178/ASTM-08)                | Mpa   | >11000          | ≥12,000  |
| Flexural Strength (MD)<br>(EN ISO 178/ASTM 790-07)        | Mpa   | > 114.0         | ≥180   |
| Flexural Strength (CD)<br>(EN ISO 178 ASTM 790-08)        | Mpa   | > 82.7          | ≥130   |
| Tensile Strength (MD)<br>(EN ISO 527-2 ASTM 638-08)       | Mpa   | > 114.0         | ≥140   |
| Tensile Strength (CD)<br>(EN 438-225)                     | Mpa   | > 82.7          | ≥100   |
| Density<br>(EN ISO 1183/ASTM 792-08)                      | g/cm <sup>2</sup>                           | ≥ 1.40          | ≥ 1.45   |
| Lightfastness<br>(ISO 4586)                               | Rating (min 4)                              | 1 to 5 (5 best) | ≥4   |
| Resistance to Surface Wear<br>(ISO 4586)                  | Revolutions                                 | Min Value 400   | ≥ 400  |
| Resistance to Impact by Large Diameter Ball<br>(ISO 4586) | Thickness Inches<br>(mm)                    | Visual          | <u>(0.500")</u><br><u>&gt;78" (&gt;1,980 mm)</u> |
| Resistance to Staining<br>(ISO 4586)                      | Rating (max 20)                             | Varies          | ≤20  |
| Stains 1-10 (ISO 4586)                                    | Rating (min 5)                              | 1 to 5 (5 best) | 5  |
| Stains 11-15<br>(ISO 4586)                                | Rating (min 3)                              | 1 to 5 (5 best) | ≥ 3  |
| Resistance to Radiant Heat<br>(ISO 486)                   | Seconds                                     | Visual          | Not Tested                                       |
| Resistance to Wet Heat<br>(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")<br>≤ 0.3                                |

|                                     |                               |           |                   |
|-------------------------------------|-------------------------------|-----------|-------------------|
| Dimensional Change CD<br>(ISO 4586) | % CD Max                      | % Change  | (0.500")<br>≤ 0.7 |
| Fire Properties<br>ASTM E-84        |                               |           | Class B           |
| Flatness<br>ISO 4586 -2 (10)        | On products >1/2"<br>(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.

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.

Do not install Wilsonart® THINSCAPE® over a solid substrate.

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® 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® THINSCAPE® 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® THINSCAPE® 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® THINSCAPE® 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.

Resistance of Furniture to UV Lights for Wilsonart® THINSCAPE® per BIFMA HCF 8.1-201X Section 9 (Alternate Method per ASTM G155 using ISO 4586-2.33 conditions).

Wilsonart® THINSCAPE® conforms to BIFMA – Healthcare Furniture Design Guidelines for Cleanability, Section 9 Resistance to Furniture to UV Lights. Wilsonart THINSCAPE meets or exceeds the acceptance level for surface evaluation.

**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 LLC, Temple, Texas 76503-6110

Type: Specify THINSCAPE \_\_\_\_\_

Surface

Color Number: \_\_\_\_\_

Color Name: \_\_\_\_\_

Finish

Number: \_\_\_\_\_

Name: \_\_\_\_\_

Edge Trim

Color Number: \_\_\_\_\_

Color Name: \_\_\_\_\_

Adhesive

Name: \_\_\_\_\_

Grade/Type: \_\_\_\_\_

Brand: Wilsonart® Adhesives

Wilsonart® THINSCAPE® Performance Tops Technical Data

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