

# TECH DATA

Wilsonart® Earthstone® Solid Surface



## 1. Manufacturer

Wilsonart International, Inc.  
2400 Wilson Place  
P.O. Box 6110  
Temple, Texas 76503-6110  
Phone: (254) 207-7000; (800) 433-3222  
Fax: (254) 207-2384  
Web Site: [www.wilsonartsolidsurface.com](http://www.wilsonartsolidsurface.com)

## 2. Product Descriptions

### **Product Composition:**

Earthstone is manufactured with acrylic resins, fire-retardant fillers and proprietary coloring agents that are homogeneous, with uniform color throughout their thickness.

### **Basic Limitations:**

Earthstone is designed for interior use only.

### **Fabrication:**

Earthstone panels do not require bonding to substrates, and should not be bonded to solid wood, plaster, concrete or other brands of solid surfaces. They do, however, require a supporting material or framework. Please contact your local Wilsonart representative or Certified Wilsonart Solid Surface Fabricator for installation details.

### **Finishes:**

Final finish is supplied 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 also may require more attention.

### **Sheet Dimensions**

	<b>Earthstone Standard Sizes</b>
Panel Widths:	30"(76.2cm)
Panel Lengths:	144" (365.8cm)
Thickness:	Product Type 051 = 0.490"(1.24cm) ± 0.025"(0.06cm)

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

### **Inventoried Product:**

9034EA	Terrazo	9075EA	Palomino
9036EA	Pebble	9084EA	Palmetto
9037EA	Sandrift	9088EA	Prairie Sage
9038EA	Flagstone	9093EA	Mineral
9042EA	Bedrock	9099EA	Basalt
9048EA	Hearthstone	9140EA	Nevada
9074EA	Bluestone	9174EA	Durango

### **Custom Sizes:**

Earthstone Solid Surface is available in custom sizes up to 60" wide and 144" long, allowing for cost efficiencies and design flexibility. Minimum order quantities apply and allow six to eight weeks for delivery. Please contact your local Wilsonart representative for complete custom size order requirements.

# TECH DATA

Wilsonart® Earthstone® Solid Surface



## Technical Data

### Typical Physical Properties of Earthstone

Tests	Earthstone Results
Stain Resistance ANSI Z-124.3 modified	Pass
Boiling Water Resistance NEMA LD3-2000 Method 3.05	See Below <sup>A</sup>
High Temperature Resistance NEMA LD3-2000 Method 3.06	See Below <sup>A</sup>
Radiant Heat Resistance NEMA LD3-2000 Method 3.10	No effect
Impact Resistance NEMA LD3-2000 Method 3.08 (1/2 lb. Ball)	125 in. drop <sup>B</sup>
Light Resistance NEMA LD3-2000 Method 3.03	No effect
Moisture Absorption ISO 4586-2 Method 7	≤ 0.4 %
Izod Impact (notched) ASTM D 256	0.3 (ft.-lb.)/in
Tensile Toughness ASTM D 638	≥ 11 (in.-lb.)/(cu.-in.)
Tensile Modulus ASTM D 638	1.1 x10 <sup>6</sup> psi
Flexural Toughness ASTM D 790	≥ 5 (in.-lb.)/(cu.-in.)
Flexural Modulus ASTM D 790	1.0 x10 <sup>6</sup> psi
Thermal Expansion Coefficient ASTM D 696	2.0 x10 <sup>-5</sup> in./in./°F
Hardness ASTM D 2583 (Barcol) ASTM D 2583 (arcol Impressor)	57
Deflection Temperature Under Load ASTM D 648	90°C
Density ASTM D 792	1.56 gram/cm <sup>3</sup>
Approximate Weight	4.1 lb./ ft <sup>2</sup>
Fire Behavior ASTM E 84	Class II or B
Fungal Resistance ASTM G 21	Pass
Bacterial Resistance ASTM G 22	Pass

<sup>A</sup> Boiling water and high temperature resistance tests may have an effect on the surface; however, the surface can be renewed to 'No Effect'.

<sup>B</sup> Tested without bonding to substrate.

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

### Codes And Certifications – Wilsonart Earthstone (0.500”)

- Approved by NSF International Standard 51 for “Food Zone” areas
- FDA Compliance for food contact
- New York City Material Equipment Acceptance numbers 181-96-M
- ASTM G-22 bacterial resistance
- ASTM G-21 fungal resistance

### 3. Customer Services

For samples, literature, questions and/or technical assistance, please contact our toll-free Hotline at 800.433.3222, Monday through Friday, 7 am –7 pm, CST.