

Product

Swanstone Reinforced Solid Surface Products

Manufacturer

The Swan Corporation is headquartered in St. Louis, Missouri, USA with manufacturing facilities in Centralia, Illinois USA.

Product Composition

Swanstone is a compression molded homogenous, non-porous material with color throughout. This material is a reinforced, modified acrylic filled with natural minerals-patent pending.

Product Category

Swanstone is available in integral top and bowl vanity tops, bathtub surrounds, shower walls, kitchen sinks, kitchen countertops, undermount sinks, bar sinks, drop-in lavatories, undermount bowls, blank vanity tops and table tops. Offset vanity top bowl locations available.

Colors

Swanstone is available in a variety of solid and aggregate colors. See colors at swanstone.com.

Warranties

Swanstone wall panels and trim kits, vanity tops and bowls, drop-in kitchen and bar sinks, window trim kits and shower floors are covered by a limited lifetime warranty for residential applications. For commercial applications, Swan offers the following limited warranties:

25-Year Limited Warranty on wall panels and trim kits.

25-Year Limited Warranty against our thermal cracking on our vanity tops and bowls.

Warranties (Continued)

10-Year Limited Warranty against defects on countertops.

10-Year Limited Warranty against defects and/or thermal cracking on kitchen and bar sinks.

10-year Limited Warranty against warping, blistering, loss of color, or fading on shower floors. Complete details and product warranty application for both residential and commercial are available on our website: swanstone.com.

Maintenance

Swanstone should be cleaned as you would any other fine kitchen or bath fixture. For kitchen sinks and countertops, rinse any food or beverage residue as soon as possible; follow up with normal household cleaners. To remove residue that cannot be rinsed away or removed with other types of cleaners, use powdered abrasive cleaners and/or a nylon plastic scrubbing pad. Vanity tops should be cleaned with normal household cleaners. Cleaners designed for removing mineral based stains can be used on Swanstone, as well as a mild solution (50/50) of chlorine bleach and water. In the event of a scratch, start out with powdered abrasive cleaner and a scrubbing pad; if further attention is needed, use a white automotive rubbing compound or light sanding with a 400 grit or 40 micron sandpaper.

Application

Any interior, horizontal and vertical surface application. Also available for kitchen sink, shower floor, lavatory bowl and bar sink applications.

Limitations

Swanstone products are not recommended for exterior use. Material should not be used in areas exposed to sustained temperatures exceeding 450° F. Follow all recommended installation procedures provided by manufacturer.

Finish

The decorative surface of Swanstone is a matte finish equal to a 320 grit sandpaper (gloss reading of 25). A higher sheen can be produced by buffing the product with a commercial rubbing compound.

Availability

Swanstone is available nationwide through our local stocking distributors. Visit our website to find your nearest distributor, swanstone.com

Cost

Cost varies with product category. Contact your local distributor for applicable costs.

Installation

Swanstone reinforced solid surface products are shipped with complete installation manuals provided with every unit. Consult the specific product installation manual for step-by-step installation procedures. All manuals are available through our website or your local distributor.

Chemical and Stain Resistance

Chemical and Stain Resistance- NEMA LD3-3.09 No lasting effect on Swanstone occurred from exposure to the following:

Class I Chemicals:

Solvents:

Acetone
Amyl Acetate
Benzene
Carbon Tetrachloride
Ethyl Ether
Gasoline/Kerosene
Ethanol
Methanol
Toluene
Chloroform
Ethyl Acetate
Naphtha

Other:

Ammonia (10%)
Iodine
Lye (1%)
Mercurochrome
Nail Polish Remover
Potassium Permanganate
Silver Nitrate (10%)
Sodium Hypochlorite
Sodium Bisulfate
Sodium Hypochlorite (5%)
Trisodium Phosphate
Urea (6%)
Vinegar

Class II Chemicals:

Acids:

Furfural
Hydrogen Peroxide
Methylene Chloride
Nitric Acid (30%, 70%)*
Phenol
Acids (99.5%)
Citric
Hydrochloric (20%)
Phosphoric
Sulfuric (77.96%)
Trichloro Acetic
Formic

Alkalies:

Ammonium Hydroxide
Sodium Hydroxide (10%, 40%)
Sodium Hydroxide Flake

* May cause slight lightening

SOLID SURFACE PRODUCTS SPECIFICATION AND TECHNICAL DATA

PROPERTY	TYPICAL RESULTS	TEST
Impact Resistance	No damage 1lb. ball drop .25 inch thick sheet. Over 150"	NEMA LD-3
Izod Impact		
Method A (with notch)	3.7 ft. - lb./in.	ASTM D256
Method B (reverse notch)	5.3 ft. - lb./in.	ASTM D256
Stain Resistance	Passes	ANSI-Z124.35.2
Cigarette Resistance	No lasting effect	NEMA LQ1
Boiling Water Resistance	No effect	NEMA LD-3
High Temperature Resistance	No effect	NEMA LD-3
Abrasion Resistance	Passes	ANSI-Z124.3
Color Stability	No change	NEMA LD-3
Thermal Conductivity	No effect	NEMA LD3-3.08
Tensile Strength	4125 PSI	ASTM 638
Tensile Modulus	1.4.8 x 10 ⁶ PSI	ASTM D-638
Elongation	.3%	ASTM D-638
Hardness	115 Rockwell R Scale, 42 Barcol	ASTM D-785
Bacterial Resistance	No Growth	ASTM G-22
Wear and Cleanability	Pass	ANSI Z124.35.3
Flexural Strength	7840	ASTM D-790
Flexural Modulus	1.22 x 10 ⁶ PSI	ASTM D-638
Thermal Expansion	1.64 x 10 ⁻⁵ in/inF°	ASTM D-696
Gloss (60°)	25	NEMA LD3
Water Absorption	.033	ASTM D-570
Specific Gravity	1.6	
FLAMMABILITY		
Radiant Panel Flame Spread	15	ASTM E84
Smoke Developed Index	255	
Fire Rating	Class I	

Approximate weight per square foot 2 lbs. for 1/4" sheet. See product guide for actual weights.

RATINGS AND LISTINGS

American National Standard Institute-
ANSI Z124.3 and Z124.6

International Association of Plumbing and
Mechanical Officials (IAPMO)-listed

Canadian Standards Association (CSA)-
listed

New York City Material Acceptance
Application #298-88-M

National Sanitation Foundation
-NSF Splash Zone
-NSF Food Zone

Housing and Urban Development
-HUD UM 73 Certified

Technical Services

Please call (800) 325-7008 or email us info mail@swanstone.com. Visit our website www.swanstone.com for details including dimensional autocad drawings.