

SOLID PRODUCTS, LLC
S O L I D D E C I S I O N

SOLID SURFACE SHOWER SYSTEM SPECIFICATIONS

SOLID SURFACE FEATURES

- Our Solid Surface is a homogeneous thermoset polymer compound, made with of acrylic and polyester resins filled with aluminum trihydrate (ATH).
- Solid Surface materials are non-porous, with uniform color and pattern throughout the entire thickness.
- Solid Surface is 100% repairable.

SPECIFICATIONS

- Shower and tub walls:

1/4" thickness throughout the entire width and height.

- Shower Pan:

Thickness varies depending on shower pan design and installation needs.

The products have coved side walls, 1" minimum panel platform (client specified), 1" minimum water dam (client specified), adjustable drain location, and a non skid floor pattern with 1.5" water channels at a 2% slope.

The products meet the minimum ANSI Z124.2 certification.

The non slip pattern conforms to the ASTM F462 slip resistance test method (0.20 or greater).

- Shower Pan Accessories:

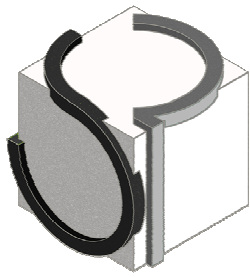
Produced in matching colors (unless specified).

Include inside and outside corner moldings and ceiling and wall molding designed to protect and conceal the waterproofing silicone sealant.

The waterproof nature of the shower wall panels and pans shall not rely on surface caulking.

Matching solid surface soap dishes shall be provided for each shower.

All products are produced based solely on the Shop Drawings authorized by the client.



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The finish of our products 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. Dark colors may require more attention to their care.

WARRANTY AND BASIC LIMITATIONS

- Designed for interior use only.
- Shower Pan Systems carry a 10 year materials and workmanship warranty against cracks, breakage, and leaks.

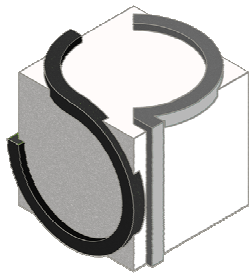
PERFORMANCE CHARACTERISTICS

- CHEMICAL RESISTANCE OVER 24 HOURS

Hydrochloric Acid (HCL) 20%	No change
Sulfuric Acid (H ₂ SO ₄) 20%	No change
Ammonia (NH ₃) 28%	No change
Methyl Alcohol (CH ₃ OH)	No change
Toluene (C ₇ H ₈)	No change

- STAIN RESISTANCE

Milk, whiskey, distilled water, vegetable oil, citric acid (10%), lye, household ammonia, urine, iodine fluid (10%), vinegar, pine oil, ketchup, hydrogen peroxide (3%), household bleach, lipstick, isopropyl alcohol (90%)	Remove with water and detergent
Crayon, #2 pencil, coffee, mustard, ethyl alcohol (90%)	Remove with cleanser
Permanent marker, black paste shoe polish, ball point pen, wet tea bag, acetone, fingernail polish remover	Remove with cleanser and Scotch Brite®

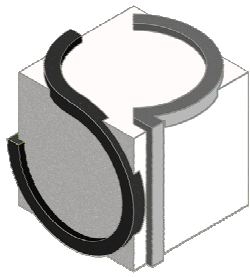


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SOLID DECISION

SOLID SURFACE SHOWER SYSTEM SPECIFICATIONS

- **PHYSICAL AND PERFORMANCE FEATURES**

Test Type	Test Method	Lab Results
Hardness	ASTM D-2583-95	58- 60
Elastic strenght	ASTM D- 638- 98	8,100
Mod		1,410,000
% Elong		0.73%
Breaking point		8.56
Flex Strenght	ASTM D- 790	9,870
Mod.		1,330,000
Shine	NEMA LD 3-3 1513.2	5- 20
Wear and Cleaning	ANNSI Z124.3	Passes
Abrasion Resistance	CS 221-66	No Loss of Pattern
Cigarrete Resistance	NEMA LD3-3.07	No Effect
Boiling Water Resistance	NEMA LD3- 3.05/3.5	No Effect
High Temperature Resistance	NEMA LD3- 3.06/3.5	No Effect
Chemical Resistance	ANSI Z124.3	No Effect
Color Stability	ASTM D-792	Slight Effect at 200 Hours
Heat Conductivity	NEMA LD3- 3.08/ 3.8N	Slight Effect
Dull Impact	ASTM D- 256- 96a	1.3
Sharp Impact	ASTM D- 256- 96a	0.33 Ft- Lb/ In
Stains	ANSI Z124.3	Passes- 43
Density	ASTM D- 729- 91	1.71
Water Absorption	ASTM D- 570- 95	0.022
Flamability	ASTM E- 84	Class 1
Oxygen Index	ASTM D- 2863	0.33
% of Cure	Analytical	97%
GC Space	Analytical	1030 PPM



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- **FIRE TEST DATA**

Solid Surface materials shall be classified by Underwriters Laboratories under UL File Number R14436 for surface burning characteristics. Test data for Solid Surface panels shall be generated according to ASTM E 84: Standard Test Method for Surface Burning Characteristics of Building Materials. This procedure is catalogued by Underwriters Laboratories, Inc. as UL 723. For panels with a thickness of one-half inch (13 mm), the Flame Spread Index is less than or equal to 25 and the Smoke Developed Index is less than or equal to 25.

- **CODES AND CERTIFICATIONS**

Approved by NSF International Standard 51 “Splash Zone” areas.

ASTM G-22 bacterial resistance.

ASTM G-21 fungal resistance.

FABRICATION

ASTM G-22 bacterial resistance. Solid Products Solid Surface shall be fabricated by an authorized Solid Products fabricator/installer.

Fabricate to field measurements and in accordance with manufacturer’s recommendations. Field or shop seaming as required. Seamed panels shall be waterproof and seams invisible.

INSTALLATION

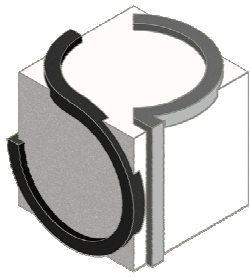
- **EXAMINATION**

Examine substrates to receive the products. Correct any conditions that are substandard or will interfere with installation. Verify that all supports are suitable for installation.

- **INSTALLATION**

Install products plumb and level in locations indicated, in accordance with the manufacturer’s recommended installation procedures.

Coordinate plumbing installation.



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- **CLEANING**

After a successful installation is done, remove all excess adhesive, dirt and debris from the installation.

- **PROTECTION**

Protect surfaces from damage until project is completed. Repair or replace damaged components.

Provide maintenance and care instructions.