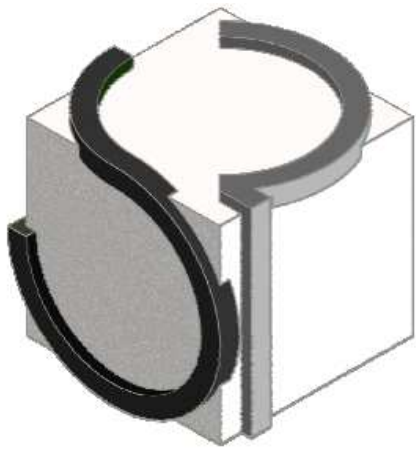




SOLID PRODUCTS, LLC
SOLID DECISION

SOLID SURFACE SOLUTIONS



**SPECIALIZING IN CUSTOM
COMMERCIAL APPLICATIONS**

www.solidproductsusa.com
2746 Prince Dr.
Lincolnton, NC 28092

Advantages of working with the Solid Products Company:

The Solid Products team has been involved in the solid surface industry for 20 years, having worked together on numerous commercial, residential and retail projects. This experience allows for a unified, unique approach and effort on each project from our individual backgrounds.

Solid Products has their own people involved at the factory for the manufacturing process, quality control, and shipping while the project is in-process. This is a key part of our advantage over other companies that just purchase product and are not involved with the daily manufacturing process.

Long standing relationship with a factory that is accustomed to working with this particular type of product.

Solid Products offers materials to our Customers at the most reliable cost possible without any loss in service, quality and value. We are able to operate with minimal overhead due to an experienced understanding of the Supply Chain efficiencies.

Clear and concise communications throughout the ordering, manufacturing and delivery process.

From concept to completion the Solid Products team stands ready to make your project a success.

Sales Contacts:

Tom Rush – Commercial Sales Specialist – tom.rush@solidproducts.biz
704-236-9796
FAX 704-732-3814

Tom Sluppick – Commercial Sales Specialist – tom.sluppick@solidproducts.biz
479-466-4134
FAX 479-443-9134

Company Contacts:

Steve Seeley – Owner – steve.seeley@solidproducts.biz
704-477-4510
FAX 704-732-3814

Alfredo Scheel – Owner – ascheel@solidproducts.biz



SOLID SURFACE FEATURES

- Our Solid Surface is a homogeneous thermoset polymer compound, made with 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.

Solid Products molds and fabricates our products directly in the factory, allowing us to create complex custom products at a fraction of the cost of our competition.



SHOWER SYSTEM SPECIFICATIONS

Shower and tub walls:

- 1/4" thickness throughout the entire width and height.
- Wall panels manufactured to size; eliminating waste and conserving costs
- Custom trim options available

Shower Pan:

- Custom sizes and adjustable drain locations.
- Thickness varies depending on shower pan design and installation.
- Shower pans have coved side walls, 1" minimum panel platform (client specified), 1" minimum water dam (client specified), and a non slip floor pattern with 1.5" water channels at a 2% slope.
- The non slip pattern conforms to the ASTM F462 slip resistance test method (0.20 or greater).
- Meets the ANSI Z124.2 certification.
- Patented adjustable drain connection system.
- ADA pans designed and made to order.

Shower Accessories:

- Corner and Recessed Soap/Shampoo Shower Caddies
- Corner and Bench Seats
- Custom Threshold Designs
- Produced in matching colors (unless specified).
- Corner moldings, ceiling trim and wall trim designed to enhance, protect and conceal the waterproofing silicone sealant.

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

SHOWER RENOVATION

No Job Too Small, Too Big, or Too Far!

BEFORE



AFTER

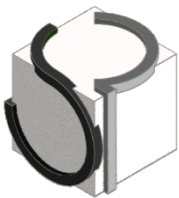


High Performance Material

Solid surface is stain-resistant and scratch-resistant, for beauty that lasts. Solid surface is fully certified by NAHB, CSA, and NSF to meet or exceed industry standards for Class 1 solid surface materials.

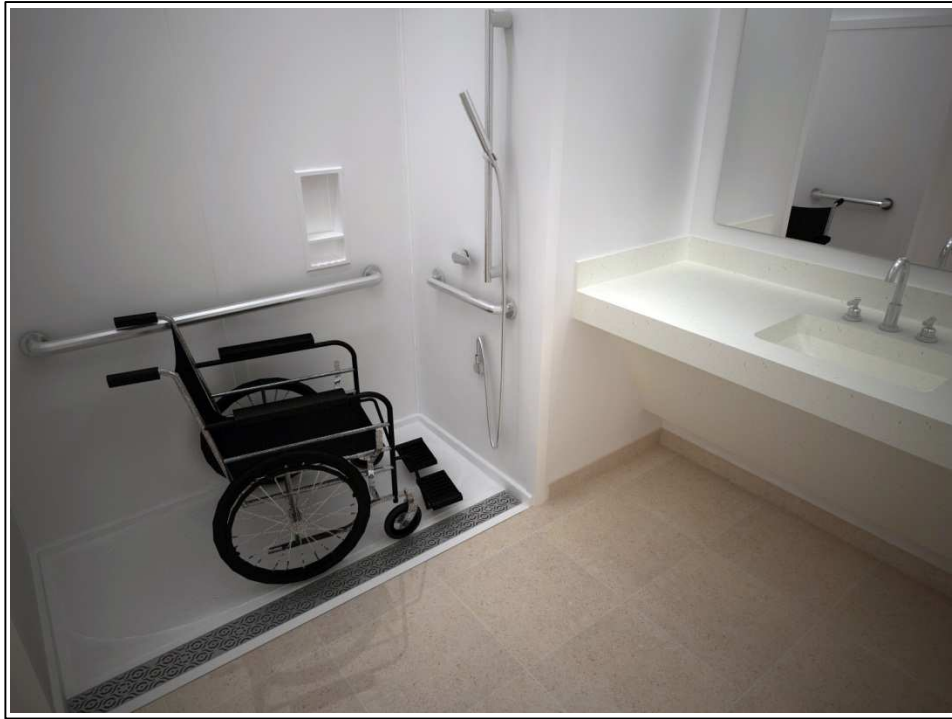
Ease and Speed of Installation

Solid Products solid surfaces can be easily installed right over existing materials. In many cases, demolition is not required for installation; greatly reducing the time needed for remodeling. A typical 2-shower setup can be installed in just 8 hours.



SOLID PRODUCTS, LLC
SOLID DECISION

ADA SHOWER RENOVATIONS



ADA Shower Pans

Solid surface materials are the preferred choice for healthcare bathroom environments.

Solid Products shower pans are designed for maximum durability and are constructed from non-porous materials that resist the growth of mold and bacteria, require less cleaning than other more porous materials and make the repair of minor stains and scratches easy.

Solid Products offers many solutions for the healthcare market.

Our Shower walls, trim and accessories create an attractive environment that holds up to continuous use and cleaning. With our factory-direct pre-fabricated products and installation services we can quickly deliver custom products and renovations that are both sustainable and affordable.

By utilizing our patented drain connection system, we can help eliminate the need for costly demolition and plumbing relocation.

COLORS



8 Solid Colors

Our solid colors with their calm subtle hues were formulated to compliment any setting while providing the performance and durability only offered by true Solid Surface.

17 Granular Colors

Our largest collection of colors is designed to enhance any project, from the subtle consistency of a natural setting to the unlimited custom flexibility to meet all of your color design needs. Our Granular colors offer the perfect mix of particles to suit most visual applications.

9 Aggregate Colors

Starting with eye catching background tones we mix just the right amount of coordinating aggregates to create our most vibrant palette. Colors that will make your projects stand out for years to come and products that will stand the test of time.

13 Quarry Colors

Developed to meet today's newest design trends our Quarry colors derive their natural beauty from the earth. Their appeal is as natural as the elements making our products warm and welcoming in any environment.

Custom Colors

For special projects we have the added ability to color match or create custom colors for that unique look.

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.



SPECIALIZING IN CUSTOM COMMERICAL APPLICATIONS



Vanity Tops

Unlimited ability to customize any design options:

- Length, Depth, and Thickness
- Number and placement of bowls
- Apron design with cutouts
- Edge profiles
- Powder coated wall brackets
- Faucet Drillings
- Loose or Integral Backsplash and Side Splashes



Normal Everyday Cleaning

- Wipe the surface clean with a damp cloth or sponge.
- For everyday surface stains, clean with any general purpose cleaner.

Removing Surface Stains, Burns or Light Scratches

- Scrub the surface in a circular motion with an abrasive cleaner, such as Soft Scrub®, and a wet, green Scotch-Brite® pad.
- To obtain the best results, repeat the previous step with a wet gray Scotch-Brite® pad.
- On dark colors, repeat with a wet white Scotch-Brite® pad.

Removing Scratches

- Lightly and carefully sand the surface in a circular motion with 120-grit sandpaper.
- Repeat the previous step, using 220-grit sandpaper and finally 320-grit sandpaper.
- Scrub the surface in a circular motion with a wet green Scotch-Brite® pad and then repeat with a wet gray Scotch-Brite® pad. On dark colors, repeat with a wet white Scotch-Brite® pad.

Preserving a Uniform Appearance

- Depending on the usage of your Solid Surface product, every 4 to 6 months scrub the entire surface of the product with a wet green Scotch-Brite® pad and an abrasive cleaner, moving in a circular motion. Repeat the above step with a wet gray Scotch-Brite® pad.
- For darker colors, repeat with a wet white Scotch-Brite® pad.

Good Practices

- Try not to cut directly on the surface of your Solid Products surface.
- Do not place hot pots or pans directly into a Solid Products sink. Our products can withstand temperatures up to 365°, but prolonged and extreme heat can cause a color shift.
- Quickly wipe strong acids, such as those found in drain cleaners. A few of these acids, when left on the surface, may cause whitening of the surface.





Product Features

- Antibacterial by nature, our solid surface is perfect for installations requiring the highest standards of hygiene and safety.
- Completely non-porous surface prevents liquids from penetrating and resists mold and staining.

Specifications

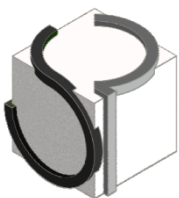
- Standard Lavatory Bowl Thicknesses: 1/2" (13mm)
- Standard Kitchen Sink Thicknesses: 1/2" (13mm) with 3/8" walls (10mm)
- Standard Shower Pan Thicknesses: 1/2" (13mm) Nominal

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.	Remove with cleanser and Scotch Brite®



SOLID PRODUCTS, LLC
SOLID DECISION

Physical and Performance Features

Test Type	Test Method	Lab Results
Hardness	ASTM D-2583-95	58- 60
Elastic Strength	ASTM D- 638- 98	8,100
Mod.		1,410,000
% Elong.		0.73%
Breaking point		8.56
Flex Strength	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
Cigarette 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

Life Cycle Cost Analysis

Many of our commercial customers will compare our Solid Surface products with other surfacing options. To be honest, initial material costs of solid surface are often higher than lesser-performing surfaces. When faced with a perceived cost vs. performance choice, cost often wins. However, **what is the true cost of these surfaces?**

- 1. Solid Products Solid Surface reduces cleaning time by 50%.** How much money does that translate to over one month, one year, or 10 years?
- 2.** How much time and resources (including administrative and labor) are put into work orders for re-grouting, tile repair, and ineffectual caulking in one month, one year, or 10 years?
- 3.** Do you have staff dedicated for repair of tile and terrazzo? Could their services better be used elsewhere?
- 4.** How many times have you had to deal with extensive water damage due to cracked pans and missing grout? How much did the repair cost?
- 5.** Can you lessen your impact on the environment by a drastic reduction in cleaning solvents and chemicals? How much money could be saved in one month, one year, or 10 years?
- 6.** When failures and water intrusions occur, how much time, energy and money is put into cleanup, litigation and figuring out what to do next?
- 7.** What is the warranty period for the tile, terrazzo, or acrylic? Solid Products Solid Surface has a 10 Year Limited Material and Workmanship Warranty.

Surface Comparison:

	○ LOW ● MEDIUM ● HIGH				
EXPENSE	TILE	TERRAZZO	ACRYLIC LINER	CULTURED MARBLE	SOLID SURFACE
Initial Cost	●	●	○	●	●
Demolition/Renovation Cost	●	●	○	○	○
Maintenance Cost	●	●	●	○	○
Repair Cost	●	●	●	●	○
Repair Time	●	●	●	●	●
Long-Term Maintenance Cost	●	●	●	●	○

While initial, short-term costs of other surfaces may be lower, the hidden costs of renovation and long-term costs of maintenance and repair reveal other surfaces to be more costly than Solid Products Solid Surface. When analyzing the long-term expenses, Solid Products is the most cost-effective solution.

Maintenance Cost: Tile Grout must be sealed regularly to maintain effectiveness. Terrazzo will develop pitting if water drips on it continuously and must be repaired with grout, which can crack and fall out. On average, **maintenance costs for Solid Surface are less than half of those for tile.**

Demolition/Renovation Cost: Tile and terrazzo installation requires removal of old tile or other existing material. **Solid Products Solid Surface can be installed over the top of existing materials.**

Repair Cost: Tile grout sealants eventually break down and grout begins absorbing water. Expensive epoxy treatments are required to seal out water. Showers must be taken off-line and specific moisture levels achieved for new epoxy/sealant to be under warranty. Such moisture levels are often impossible to attain, rendering warranties invalid. Acrylic pans are flimsy and crack easily under pressure. Solid surface is homogenous, so stains and scratches can be easily repaired.

Long-Term Maintenance Cost: Terrazzo requires advanced re-treatments of epoxy in which the shower must be taken off-line. Epoxy emits harmful VOCs. Cultured marble requires pressure washing to remove stains and mildew. Solid Surface requires simple re-caulking as necessary.

Warranty: Tile warranties average around 1 year. **Solid Products Solid Surface limited material and workmanship warranty is for 10 years.**