

Alubond Solid Surface is hard surface that is approved by the FDA to make Public Health Claims regarding its antimicrobial capabilities.

#### Advantages of Solid Surface

A major appeal of solid surface is its seamless nature. Solid surface sinks can be joined to the countertop surface with no gaps, which eliminates areas for water to collect and bacteria to grow. Integral backsplashes can also be created that follow the contours of the wall “seamlessly” and without gaps that looks stunning.

If the material become scratched or broken, solid surface can be repaired quickly to make the product look and perform “good as new.”

Alubond Solid Surface is available in a variety of finishes, ranging from matte to high-gloss, and colors that can match your designs.

The heart of Solid Surface is bundle of properties that makes it a unique product: its performance characteristics include;

- Solid: Solid Surface products are homogeneous and our colors and patterns are absolutely consistent throughout. They can give the appearance of cultured marble.
- Machinable: Solid Surface products are completely machinable. We have the right tools and skilled professional staff to machine our solid surfaces perfectly. This is what gives Solid Surface much of its magic.
- Non-porous: Solid Surface is extremely non-porous, it is unaffected by water and changes in humidity. This quality makes it very suitable for use in hospitals, maternities, home kitchens since there is no chance of bacteria development inside the surface it’s hygienic and nearly indestructible surface to work on.
- Stain and chemical-resistant: Most household staining agents and chemicals and even some industrial chemicals will not damage its one-of-a-kind look.
- Fire – resistant: ATH (Aluminum Tri-hydroxide) mixed with the plastic makes Solid Surface fire resistant or fire retardant.
- It endures: Solid Surface, unless purposely severely damaged, should remain unchanged. The oldest Corian installations of 29-30 years certainly seem to support this conclusion.
- Esthetically pleasing: It has beauty, look and “feel”. It is decorative surface, made to be seen and touch with a one-of-a-kind look that has a luxurious and elegant appearance.

**Technical Specifications**

Test	Test Method	Solid Surface
Specific Gravity	ASTM D-792	1.75
Hardness, Barcol	ASTM D-2583	55 – 58
Tensile Strength (Psi)	ASTM D-638	5,050
Tensile Modulus (x106)	ASTM D-638	1.41
Elongation (%)	ASTM D-638	0.5
Gloss	ASTM D-523	4
Abrasion Resistance	ASTM D-4060	0.15
Weight Loss (gr./cycles)		500
Water Absorption (Wt% / 24h)	ASTM D-570	0.025
Impact (IZOD ft. lb/in)	ASTM D-256	0.44
Impact Falling Ball (½lb. ball)	ANSI Z.125	8ft (no effect)
Thermal Expansion (x10-5 in/in/°F)	ASTM D-696	2.30
Arc Resistance (sec.)	ASTM D-495	200.4
Oxygen Index	ASTM D-2863	Pass
Heat Resistance	NEMA D-2863	Pass
Boiling Water Resistance	NEMA LD-3	Pass
Stain Resistance	ANSI Z.124	Pass
Chemical Resistance	ANSI Z.124	Pass