

®



Acrylicstone®  
100% Acrylic Solid Surface

Environment friendly material

Thermoforming

Non Porous..Solid & Homogenous

Easy maintenance repair

Consistent quality Standard

Heat Resistant...Stain Resistant

Impact Resistant

Quartzstone®  
Absolute Quartz Surfaces

## Versatility

Quartzstone® can be used in virtually any indoor surfacing application in kitchens, bathrooms and floors, including: countertops, island tops, vanities, tub and shower surrounds, backsplashes, walls, wet bars, tabletops, desktops, fireplace surrounds and more.



## Scratch-Resistance

The quartz in Quartzstone® makes it naturally scratch-resistant. Only three other natural minerals - diamond, sapphire and topaz - are harder than quartz. Quartz is a seven on Mohs Hardness Scale (diamond is a 10).



## Stain-Resistance

Quartzstone® is non-porous and therefore it is highly resistant to stains from coffee, wine, lemon juice, olive oil, vinegar, makeup, and many other common household products. Unlike granite, Quartzstone® does not need to be sealed to keep its lustrous shine.

## Scorch-Resistance

Unlike solid surfaces and laminates, Quartzstone® is scorch-resistant. It will withstand limited exposure to heat without burning or scorching. The fire of a lit match will not mark Quartzstone® countertop. However, as advised by crock pot and electric skillet manufacturers, do not place these items directly on any countertop. Always use trivets when placing hot items on any natural stone or quartz surface to avoid thermal shock.

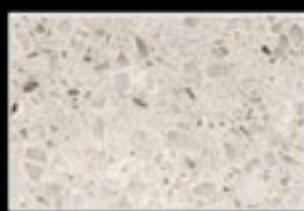
## Strength

Quartzstone® has four times the flexural strength of granite, making it less susceptible to chipping and cracking during transportation and installation.

## Maintenance-Free

Because it is non-porous, Quartzstone® does not need to be sealed. Granite, marble and limestone, on the other hand, must be sealed on installation and resealed regularly to prevent staining. Quartzstone® is a maintenance-free star compared to solid surfaces that may require rigorous maintenance to clean up tough stains, scratches and scorch marks.

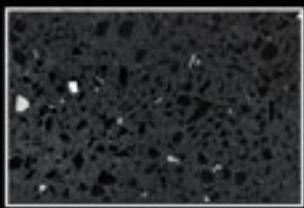
# Colors of Quartzstone



QS 901-Stone Perla



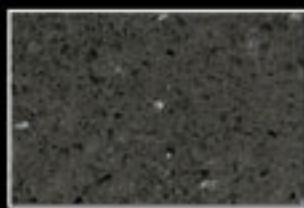
QS 902-Stone Crema



QS 903-Stone Anthracite



QS 905-Dark Brown



QS 906-Dark Impala



QS 910-Stellar Bianco



QS 920-Stellar Grey

## Quartzstone Physical Properties

Properties	USA Standard	Result	German Standard	Result
Blending Intensity	C-880	7.420psi	52112	515 kg/ cm
Water Absorption	C-97	0.03%	52103	0.03%
Mosh Hardness	Scratch Test	6. 5-7.5		
Stain/ Acid Resistance	D-2299	Removed Perfectly		
Wearing	C-501	Avg. 36. 12 gr		
Surface Burning	E-84	Flame disseminating index 10 smoking absorption density 195		
Hot Impact	C-484	(75° F-295° F)		
Weathering	C-217	No effect		
Compression	C-170	HotAvg. 10.430psi DryAvg. 11.265psi	52105	2200 kg/ cm
Frozening/ Unfrozening	S.L.P. (with C-62 as guide)	After 25rounds (-45°c- 23°c). No wearing and color difference	52104	After 25 ice- than exchanges 2082kg/ cm
Vibration	D-256	Avg. 0.361 ft. lbs/inch or notch	D.M. 2334	135
Hot Swelling Index	C-531	1.36*10 inch/F		
Density	C-97	2.4459³ gr/ cm		2.4459 gr/ cm

# Acrylicstone®

## 100% Acrylic Solid Surface

### Product 10 great advantages



**Advantages 1: Solid surface is environment friendly material, no poisonous and anti-bacteria**

**The solid surface made of high polymer material, it is non porous, and add the anti-bacteria component, so it is bacteria resistant. The solid surface is a health material, the food can be put onto the solid surface directly. The solid surface is without any radiation to the human.**

**Advantages 2: seamless installation**

**One of the characteristics of the solid surface is seamless installation. It makes the big counter looks like come out in one piece.**

**Advantages 3: flexible thermoforming**

**Trestone solid surface can give you the freedom to make your dream of design become reality. It can be thermoformed in any shape you like. You will appreciated the design flexibility that Trestone solid surface can offer.**

**Advantages 4: repairable, easy maintenance**

**Trestone solid surface is easy to be repaired, for removing the superficial scratches, use the fine scotch, the deep scratches can be removed by sanding paper. After using for some time, with the simply maintenance, the Trestone solid surface can be restored its original immaculate appearance.**

**Advantages 5: easy cleaning, and stain resistant**

**The maintenance of the Trestone solid surface is more easier than other material. We can say there is no stain can stay at our solid surface counter. For the daily maintenance, we just use the common cleanser, and for the scratch, burned stain, we can remove them with the sanding paper. It is just easy to maintain the Trestone solid surface.**

**Advantages 6: Impact resistance**

**The Trestone solid surface is made of high polymer. Compared with other stone or polymer, Trestone solid surface is stronger than other materials at the impact resistance.**

**Advantage 7: anti-burnt**

**Trestone solid surface is an anti burnt material, it can be resistant the heat around 120'C, and there is not burnt mark leave on its surface.**

**Advantages 8: Chemical resistance**

**The solid surface is treated with the vacuum process, it makes the solid surface become non porous, so the water absorption of the solid surface is only 1% of the nature granite.**

# Acrylicstone Physical Properties

## Testing Results

No.	Test Items	Requirements	Result	
1	Appearance	Color gloss	Uniform Colour gloss without obvious colour difference	Pass
		Plate Edge	Fine level without deformity surface	Pass
		Texture	Clears design and texture, special requirement should be conferred between provider and user	Pass
		Surface	Smooth face without ripple, nick, crack, air-bubble and impurity	Pass
2	Barcrol hardness	PMMA : ? 58	58	
3	Load Performance	There should be no break after test, and the max remainder flexibility should be less than 0.25 mm	Pass	
4	Ball Impact Resistance	No break and fragment on surface (diameter 38.1 mm, 0.225 kg, 610 mm)	Pass	
5	Stain Resistance	Total stain index should be less than 64, and the max deepness of stain should be less than 0.12 mm	Pass	
6	Charpy impact strength, kj/m <sup>2</sup>	4	4.1	
7	Flexural strength, MPa	40	41.2	
8	Modulus of elasticity in fleural, MPa	6500	7.75 x 10 <sup>3</sup>	
9	Oxygen index, %	35	54.5	
10	Cigarette Test	The sample should have neither bright-fire inflammation nor non-fire inflammation during touching the cigarette. The sample should be used normally although in any damage. And it can be recovered by polishing	Pass	
11	Chemical Resistance (15 kinds of reagent)	There should be no distinct damage on surface, and slight damage can be erased by 600 mesh sand paper. The sample should be recovered and used normally although in any damage.	Pass	
12	Heat Resistance	The surface should have no break, crack and blister. The sample should be easily recovered by polishing surface disfigurement, and have no effect to the use of plate.	Pass	
13	High temperature resistance	The surface should have no break crack and blister. The disfigurement on surface should be easily recovered by polishing, and have no effect to the use plate.	Pass	
14	Water resistance	The surface of sample should have no break, crack, blister and delamination. And the sounds of knocking should not become dumb	Pass	
15	Color Fastness	The sample should have no crack, air bubble and difference of quality on surface after aging. The difference color between test-sample and original sample should be less than 2 CIE	Pass	

Conclusion : The samples of the product referred to in this report have been tested in accordance with the specification JC 908-2002 "Solid Surface Material". The above items meet the requirements of this standard

# Colors of Acrylicstone



AS 301-Bianco



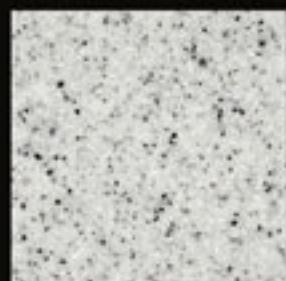
AS 302-Crema



AS 305-Nero



AS 315-Arancia



AS 321-Grey Stone



AS 322-Sahara Sand



AS 323-Midnight Sky



AS 325-Palladium Crema



AS 326-Palladium Frost



AS 326-Palladium Grey



AS 331-Metallik Bianco



AS 332-Metallik Nero



AS 333-Metallik Rosso



AS 351-Translucent Bianco

\* Color may vary