



CATALOGUE OF ARTIFICIAL QUARTZ

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Wide Product Range

Quick Delivery

One-stop Solution

Superior Quality



This is Connie from Excellent stone in China.

Excellent stone manufactures premium quartz surfaces, which are used in both residential and commercial projects as countertops, vanities, wall cladding, floors and other interior surfaces. Our product ranges include Big or Fine Grains Series, Pure Series, Multi-color Series, Marble Like Veins Series and Calacatta / Statuario Series, etc.

With over 10 years' experience, we supply more than 300 colors and can customize it according to your designs. Moreover, we provide one-stop solution for kitchen and bathroom countertop projects, serving from blueprints to the final products. Our monthly capacity for slabs can reach 100,000 square meter, and the cut to size fabrication factory enjoys a monthly yield of 30 containers of countertops.

Excellent stone Quartz has received worldwide recognition for our commitment to quality. All the processes from raw material selection to packing and loading are strictly controlled. Each and every one of our surfaces is carefully inspected to ensure it meets the highest level of international quality standards. Our efforts are recognized by customers for more than 30 countries worldwide, such as United States, Canada, Australia, Central and South America and Southeast Asia. They are fabricators, importers, distributors, contractors, hotel owners and developers of condos, sharing our passion for quality and a good job done.

Excellent stone Quartz combines beauty with outstanding performance, enabling you to bring your design imagination to life.

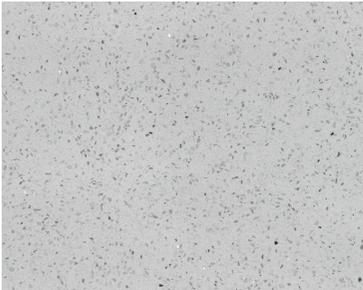
Welcome to join Excellent stone.



Standard sizes		
Available Sizes	MM	THICKNESS
	3500x2000	18MM 20MM 30MM
	3300x2000	
	3200x1600	
	3200x1800	
	3000x1400	

GLASS PANEL SERIES

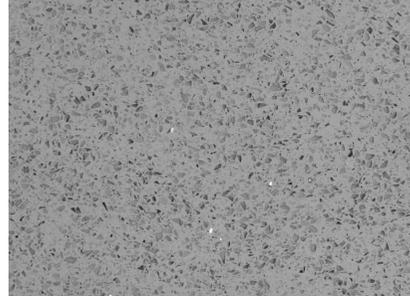
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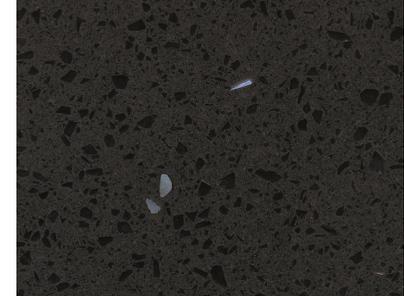
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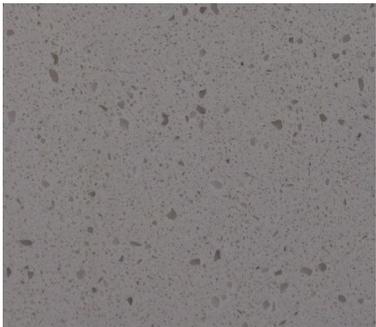


1109



SAND SERIES

3105



3101



3110



1106



3309



3320



3330

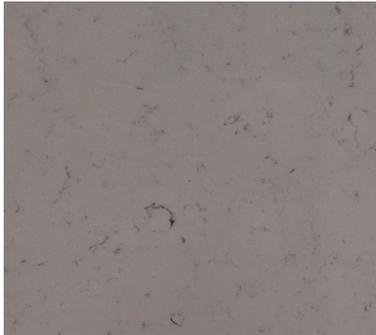


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LINE SERIES

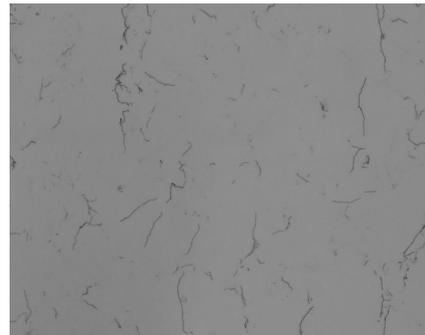
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5112



5113



5302



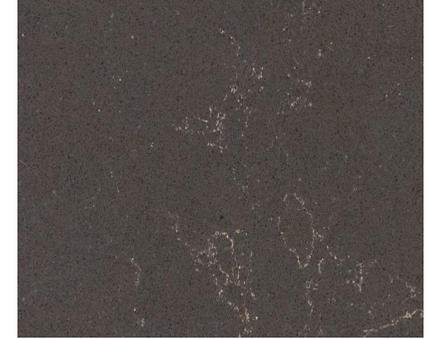
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5380



FLOWER BOARD SERIES

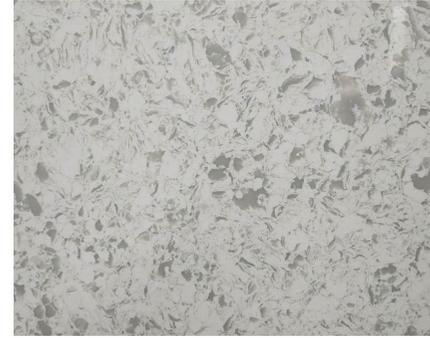
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9337



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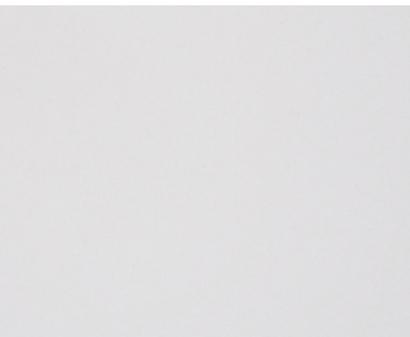


PURE&SUPER WHITE SERIES

6601



6603



6605

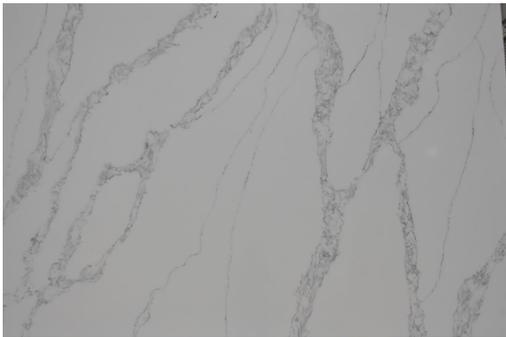


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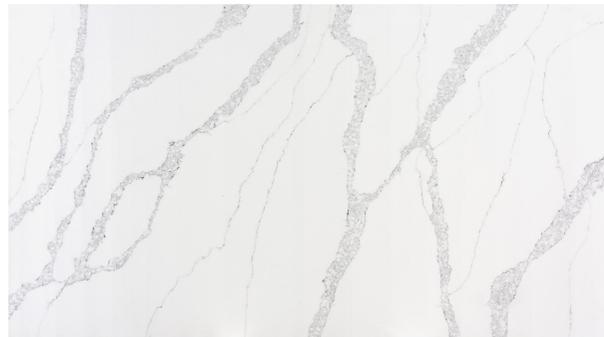


CALACATTA SERIES

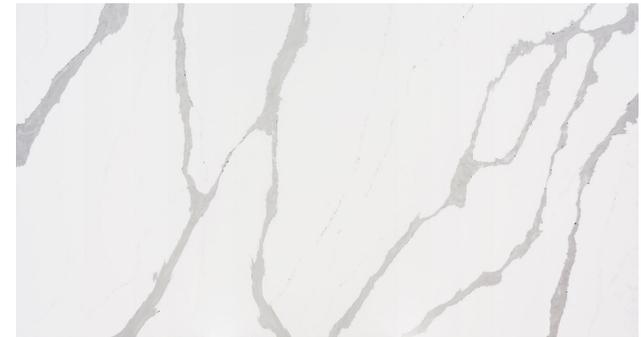
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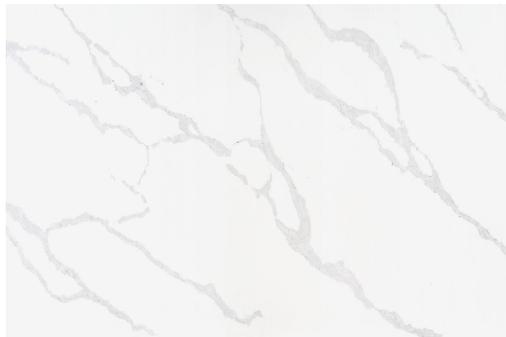
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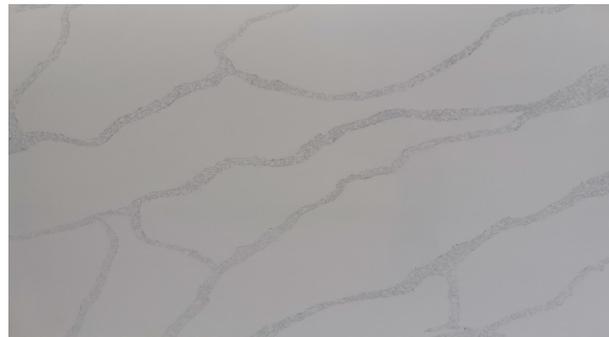
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8815



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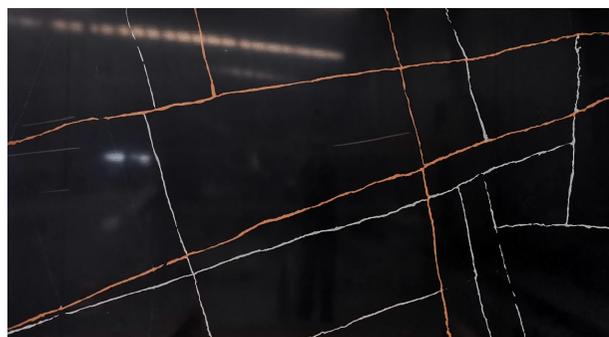
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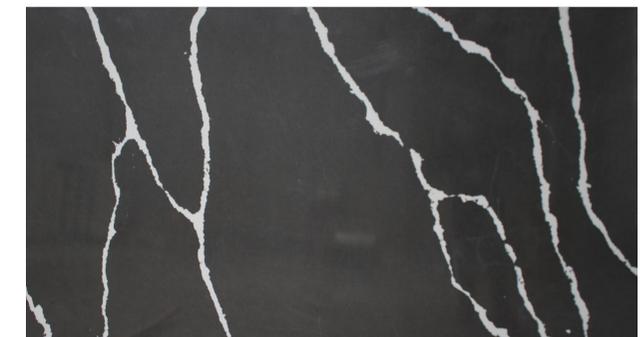
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LOADING



Technical Spec



TEST REPORT

No. : XMCCM160801178
 Date : Sep,02, 2016
 Page: 2 of 7

Summary of test results:
 (Average of results)

Test item(s)	Test method(s)	Test result(s)
Absorption by weight	Refer to ASTM C97/C97M-15	0.03%
Density		2287 kg/m ³
Mohs' hardness (polished)	Refer to EN 101:1991	No scratch: 7 Scratch: 8 Mohs' hardness:7
Compressive strength	Refer to ASTM C170/C170M-15b	Dry condition: 234 MPa
		Wet condition: 221 MPa
Stain resistance test (polished)	Refer to ANSI Z124.6-2007	Total stain resistance value:56 Maximum individual depth of staining: 0.04mm
Chemical resistance test (polished)	Refer to ANSI Z124.6-2007	Unaffected

***** To be continued*****

1. Absorption by weight and density

Test Method:

Refer to ASTM C97/C97M-15 Standard Test Methods for Absorption and Bulk Specific Gravity of Dimension Stone

Specimens: artificial stone with one face polished, 50mm×50mm×20mm, 5pcs

Test Result:

Specimens identification No.	1	2	3	4	5
Absorption by weight (%)	0.03	0.03	0.03	0.04	0.03
Mean water absorption (%)	0.03				
Density (kg/m ³)	2288	2288	2288	2286	2287
Mean density (kg/m ³)	2287				

2. Mohs' hardness

Test Method:

Refer to EN 101:1991 Ceramic tiles: determination of scratch hardness of surface according to Mohs

Specimens: artificial stone with one face polished, 100mm×100mm×20mm, 3pcs

Testing surface: polished

Test Result:

Specimens identification No.	1	2	3
No scratch	7	7	7
Scratch	8	8	8
Mohs' hardness	7		

Scale:

1- Talc; 2- Gypsum; 3- Calcite; 4- Fluorspar; 5- Apatite; 6- Feldspar; 7- Quartz; 8- Topaz; 9- Corundum; 10- Diamond.

***** To be continued*****

3. Compressive strength

Test Method:

Refer to ASTM C170/C170M-15b Standard Test Method for Compressive Strength of Dimension Stone

Specimens: artificial stone with one face polished, 50mm×50mm×20mm, 10pcs

Test Result:

Dry Condition:

Specimens identification No.	1	2	3	4	5
Individual compressive strength value (MPa)	253	231	229	230	227
Mean compressive strength value (MPa)	234				
Standard deviation(MPa)	11				

Wet Condition:

Specimens identification No.	1	2	3	4	5
Individual compressive strength value (MPa)	225	223	219	219	217
Mean compressive strength value (MPa)	221				
Standard deviation(MPa)	4				

***** To be continued*****

4. Stain resistance test

Test Method:

Refer to ANSI Z124.6-2007 Plastic Sinks - 5.2 Stain resistance test

Specimens: artificial stone with one face polished, 100mm×100mm×20mm, 11pcs

Testing surface: polished

Test Result:

Reagents	Test results			
	(Covered)		(Uncovered)	
	Individual stain rating	Depth removed	Individual stain rating	Depth removed
Black Crayon	2	/	2	/
Black Liquid Shoe Polish	5	0.02mm	5	0.02mm
Blue Washable Ink	4	/	4	/
Gentian Violet Solution	5	0.04mm	5	0.02mm
Beet Juice	1	/	1	/
Grape Juice	1	/	1	/
Lipstick	2	/	2	/
Hair Dye	2	/	2	/
Iodine solution	5	0.04mm	5	0.02mm
Wet Tea Bag	1	/	1	/
Total stain resistance rating	56			
Maximum individual depth of staining	0,04mm			

Note: The requirement in ANSI Z124.6-2007 for total stain resistance rating shall be ≤ 64 and maximum individual depth of staining shall be 0.127mm. According to clause 5.2.1.1~5.2.1.5, summary of individual stain rating as below:

- 1 - non-staining, removable by tap water;
 - 2 - removable by alcohol or naphtha;
 - 3 - removable by first application of standard scouring powder;
 - 4 - removable by two standard scouring powder scrubblings;
 - 5 - Any specimen with stain remaining after the aforementioned cleanings.
- ***** To be continued*****

5. Chemical resistance test

Test Method:

Refer to ANSI Z124.6-2007 Plastic Sinks - 5.5 Chemical resistance test

Specimens: artificial stone with one face polished, 100mm×100mm×20mm, 15pcs

Testing surface: polished

Test Result:

Reagents	Test results	
	(covered)	(uncovered)
Naphtha	Unaffected	Unaffected
Ethyl alcohol	Unaffected	Unaffected
Amyl acetate	Unaffected	Unaffected
Commercial household ammonia (10% V/V)	Unaffected	Unaffected
Citric acid (10%)	Unaffected	Unaffected
Urea (6%)	Unaffected	Unaffected
Hydrogen peroxide solution (3%)	Unaffected	Unaffected
Concentrated sodium hypochlorite solution (effective chlorine $\geq 8\%$)	Unaffected	Unaffected
Toluene	Unaffected	Unaffected
Ethyl acetate	Unaffected	Unaffected
Lye solution (2% sodium hydroxide)	Unaffected	Unaffected
Acetone	Unaffected	Unaffected
Trisodium phosphate (5%)	Unaffected	Unaffected
Vinegar	Unaffected	Unaffected
Pine oil	Unaffected	Unaffected

***** To be continued*****

Any further questions, pls do not hesitate to contact me at
connie@excellentstone.com