

THE ADVANTAGES OF QUARTZ STONE ARE

- Durability**
Exceptional hardness (Mohs 6. 5 -7 grade), strength and durability.
- Luxurious appearance**
Its radiant look will optically expand and brighten your interiors.
- Color variety**
Wide range of available colors and textures will meet the expectations of even the most demanding customers. We may also custom customers' appointed designs and colors.
- Thickness**
With thickness of 12mm/15mm/18mm/20mm/25mm/30mm for selection.
- Resistance**
The stone surface is resistant to high temperatures, chemicals, abrasion, scratches and cuts.
- Hygiene**
Thanks to its zero porosity, our quartz stone meets all hygienic requirements and is also very easy to maintain.
- Unique designs and colors**
Available in mono colours, multi colours and star series
- Consistency**
The individual product ranges are composed of different materials, mixtures and additives.
- Water absorption & hardness**
Our stone is with low water absorption at 0. 08% and Mohs hardness at 6-7 grade & Shore hardness at 78.
- Maintenance**
Unlike other surfaces, Quartz stone requires almost no maintenance at all (except general cleaning). Thanks to its non-porous surface, no residues can penetrate it and leave permanent stains

OUR PRODUCTS ARE OFFERED IN THE FOLLOWING SIZES :

- Slabs** - 3 mtrs. x 1.5 mtrs.
- Customised size can be done as per requirement.
- Products can be produced in thickness from 10 up to 30 mm

Surface finishing of products :

- Nano Polished surface
- Polished surface

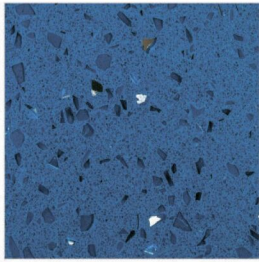
Comparison	Quartz Stone and Natural Stone	Quartz Stone	Marble	Granite
 Flexural Strength (kg/cm ²)		515	60	134
 Impact Test (cm)		135	29	61
 Water Absorption (by Weight(%))		0.02	0.55	0.33
 Compressive Strength (kg/cm ²)		2200	2161	1921
 Freezing Compressive Strength (after 25 cycles)		2082	2082	1906

TECHNICAL SPECIFICATION

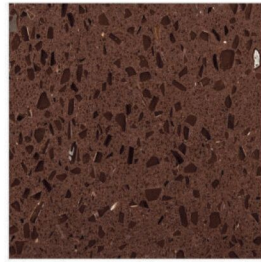
Sr.No.	Inspection item	Unit	Standard Requirements	Experimental results	
1	Apperance defects	Crack	-	The permitted number of the line should be zero with the length no more than 10 mm	NO
		Arrises Lack	-	Permitted number with length not more than 10mm and width not more than 2mm (with length ≤ 4mm and width ≤ 1mm exclusive) is 2 per meter	NO
		Angels Lack	-	Permitted number with length not more than 3mm and width not more than 3mm (with length ≤ 2mm and width ≤ 2mm exclusive) is 2 per meter	NO
		Sand hole	-	Diameter less in 2mm, exit, but not effect the decorative effect.	NO
2	Colors and patterns	-	The color of the same lot material should be fundamental harmonic, the pattern should be basically uniform	Coincidence	
3	Flatness tolerances length range ≤ 400	mm	<0.5	0.10	
4	Allow tolerance of angle length range ≤ 400	mm	<0.6	0.12	
5	Density	g/cm ³	>2.30	2.37	
6	Water absorption rate	%	<0.10	0.06	
7	Flexural strength	Mpa	>20.0	26.5	
8	Dry compression strength	Mpa	>120.0	234.3	
9	Mohs hardness	-	4-7	6	
10	Glossiness	GS	>40	55	
11	Radioactivity		Category A : IRa ≤ 1.0, Iy ≤ 1.3; Category B : Not A, but IRa < 1.0, Iy < 1.9; Category C : Not A & B, but meets the Iy < 2.8	IRa=0.08 Iy=0.15 Category A.	



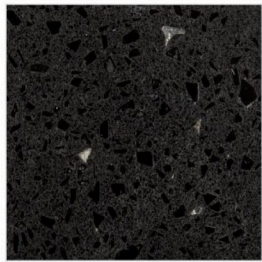
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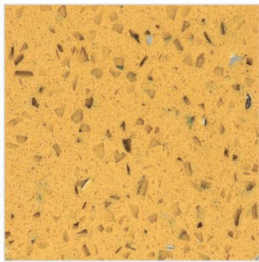
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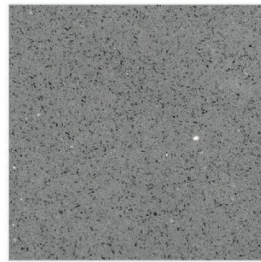
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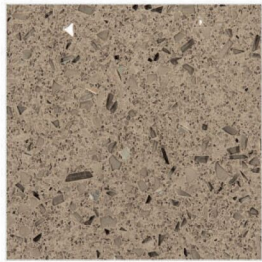
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C-5005



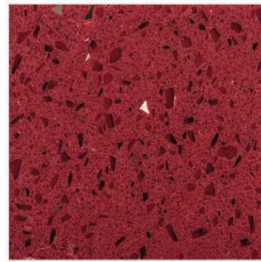
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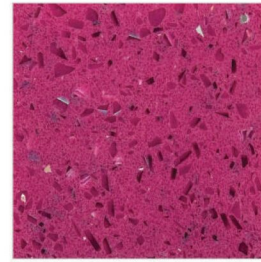
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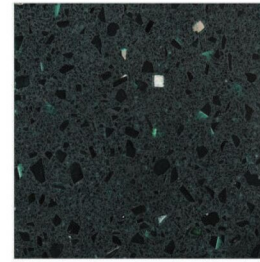
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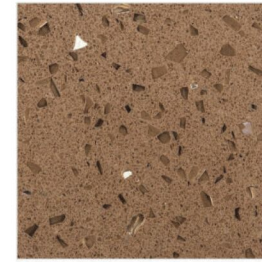
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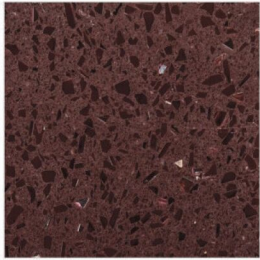
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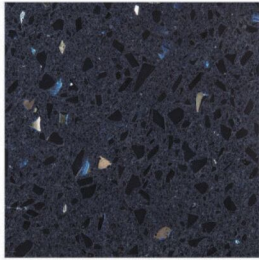
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This Product Shown In Visual Is Premium C-5006

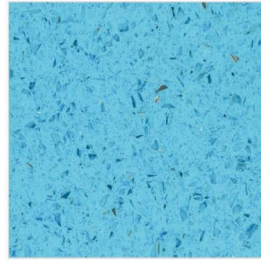




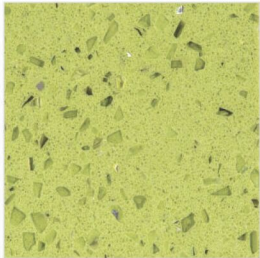
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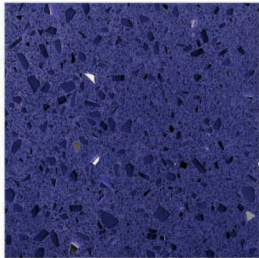
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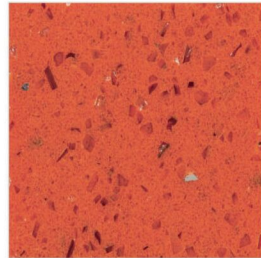
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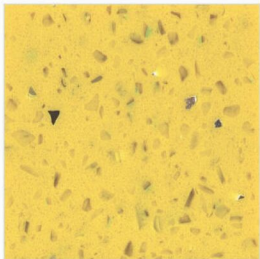
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C-5023



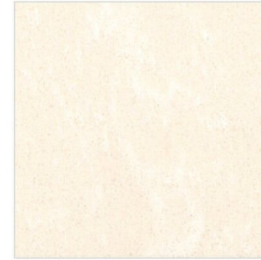
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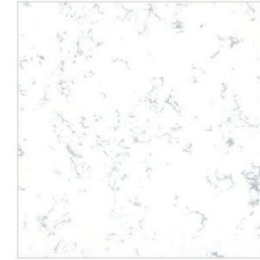
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C-5026



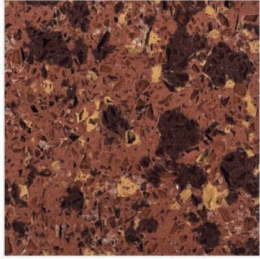
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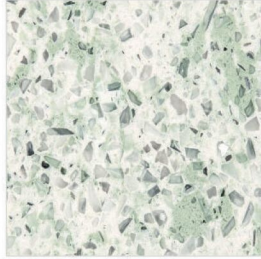
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This Product Shown In Visual Is Premium 8003

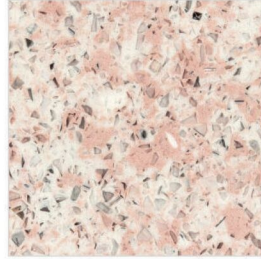




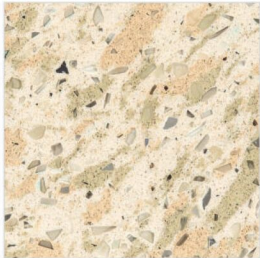
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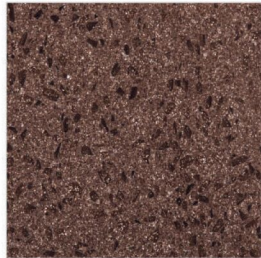
M-6003



M-6005



M-6010



G-9003



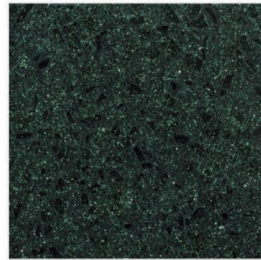
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G-9005



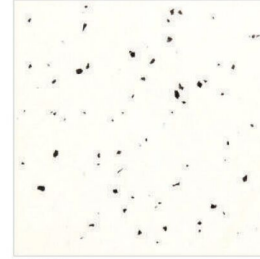
G-9006



G-9007



G-9009



G-9010



G-9011

This Product Shown In Visual is **Premium G-9009**

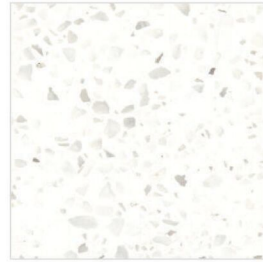




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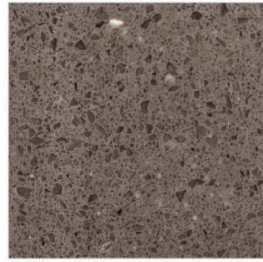
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R-7007



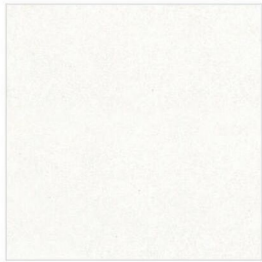
R-7009



R-7010



S-2022



SW-2009



SW-2019



SW-2020



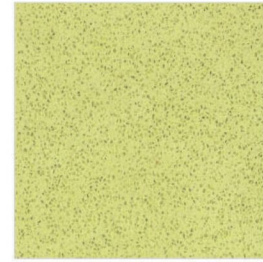
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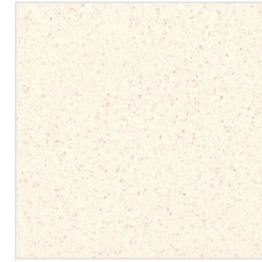
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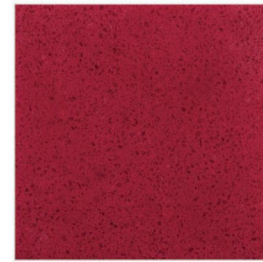
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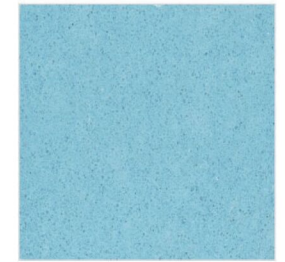
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