



[www.royal-granit.com](http://www.royal-granit.com)



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Email : commercial@royal-granit.com

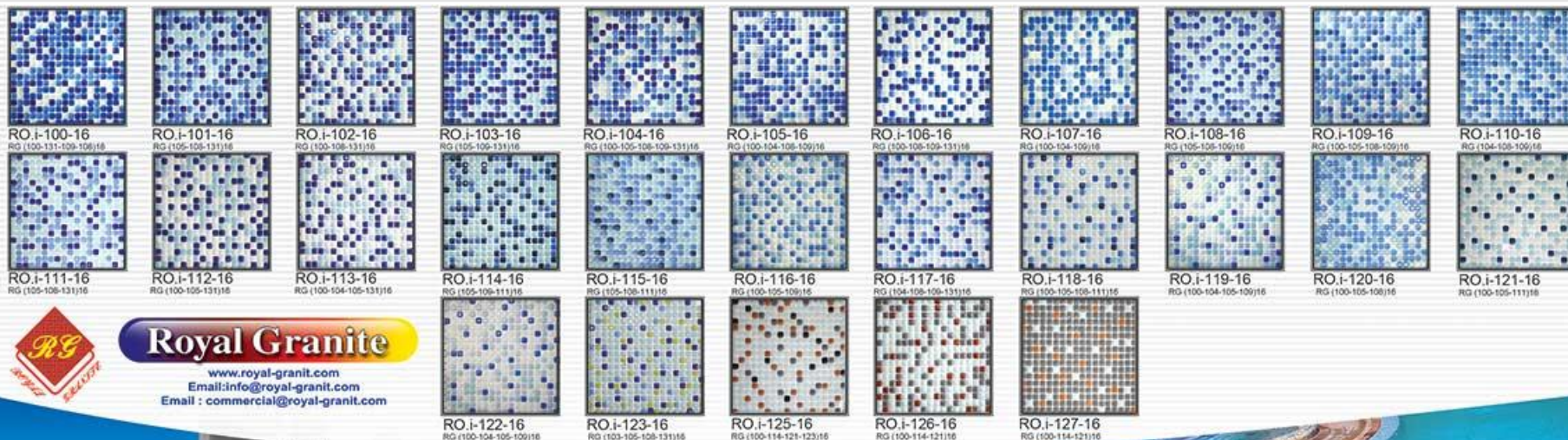




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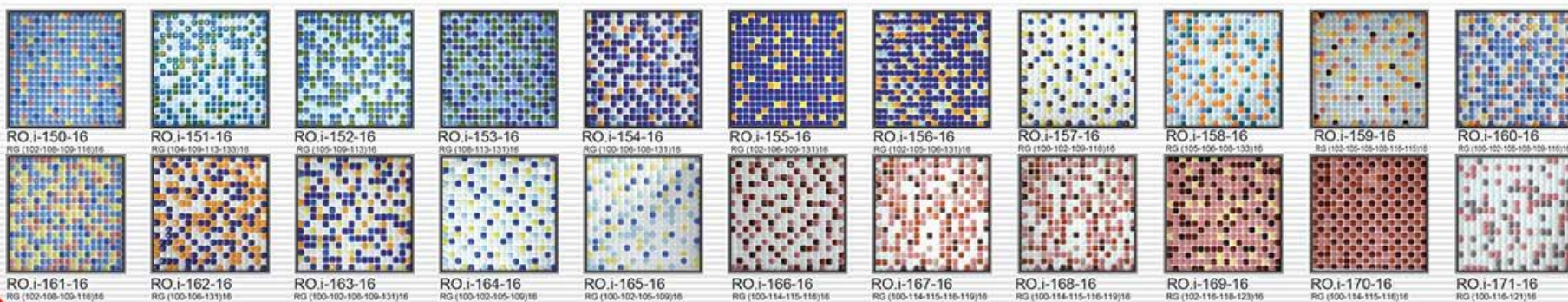


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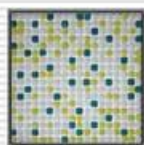
**ROYAL GRANITE**



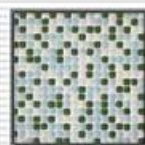




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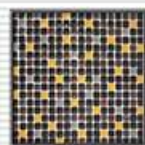
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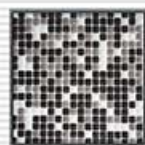
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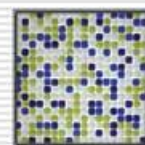
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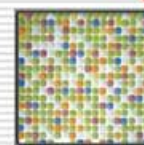
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RG (100-103-109-131)/16



RO.i-138-16  
RG (100-102-105-106-111)/16



RO.i-139-16  
RG (100-102-103-108)/16



RO.i-140-16  
RG (102-105-109)/16



RO.i-141-16  
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RO.i-142-16  
RG (100-103-108)/16



RO.i-143-16  
RG (100-102-106-123-133)/16



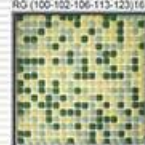
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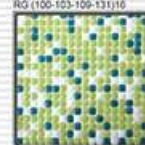
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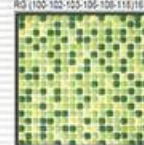
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RO.i-147-16  
RG (102-107-113)/16



RO.i-148-16  
RG (100-103-133)/16



RO.i-149-16  
RG (102-103-113)/16

# ROYAL GRANITE



RO.i-172-16  
RG (100-114-116)/16



RO.i-173-16  
RG (100-106-116-121-123)/16



RO.i-174-16  
RG (114-115-119)/16



RO.i-175-16  
RG (100-119-123)/16



RO.i-176-16  
RG (100-119-123)/16



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RO.i-177-16  
RG (100-114-115-123)/16



RO.i-178-16  
RG (100-102-107-114-115-133)/16



RO.i-179-16  
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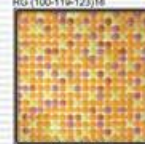
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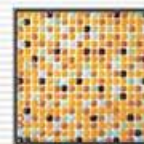
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RO.i-184-16  
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RO.i-185-16  
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RO.i-186-16  
RG (100-102-106-114)/16



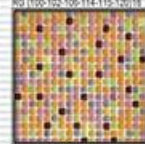
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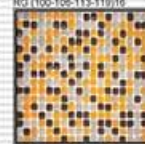
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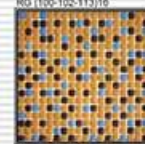
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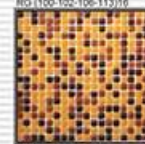
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RO.i-191-16  
RG (106-115-119)/16



RO.i-192-16  
RG (108-115-112)/16



RO.i-193-16  
RG (106-114-115)/16



RO.i-194-16  
RG (100-106-114-115)/16



RO.i-195-16  
RG (102-114-118-120)/16



RO.i-196-16  
RG (106-114-115-122)/16



RO.i-197-16  
RG (102-106-118)/16

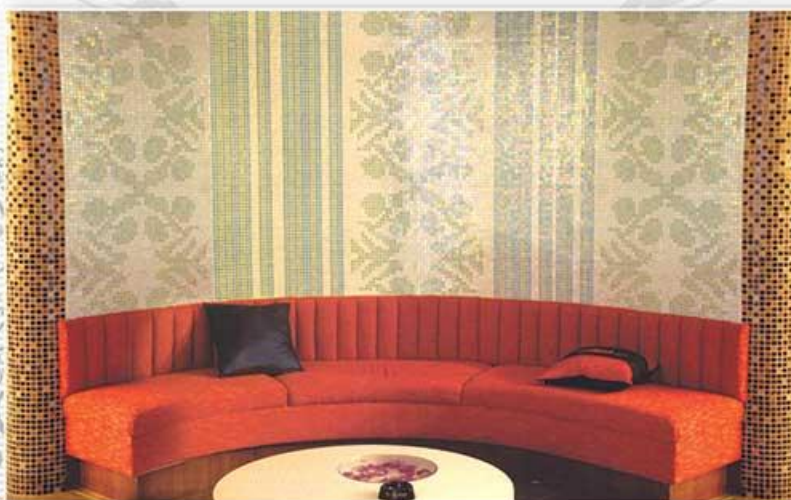


RO.i-198-16  
RG (106-114-118-123)/16









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## TECHNICAL SPECIFICATIONS

### WATER ABSORBENCY

Royal Granites are dipped into the boiling water for two hours, afterwards, they are kept in water for four hours to cool off. Weight difference is measured in order to decide whether there is water absorbency. The result of this test  $A = 0,1\%$   
According to classification  $A \leftarrow 3\%$  low water absorbency  $3\% \leftarrow A \leftarrow 10\%$  Average water absorbency  $A \rightarrow 10\%$  high water absorbency

### ABRASION RESISTANCE

In the test that is conducted by the contact of the abrasive substances [steel balls, aluminum oxide, water] on the Royal Granite surface, the Royal Granite samples that were subject to abrasion evaluation test and those that were not subject to the mentioned test were visually compared. The grade obtained as a result of this test was 2 and on the 600th cycle the abrasion deficiencies were visually conspicuous. General grades were between 0 - 5; this is from a lower resistance to a higher one.

### FREEZING RESISTANCE

Freezing and melting procedures were performed 100 times on the Royal Granites. Royal Granite temperature is lowered down to  $-50^{\circ}\text{C}$  and kept for 15 minutes, then, the temperature is raised to  $+50^{\circ}\text{C}$  and kept for 15 minutes. At the end of this test procedure, no damage occurred on the surface and edges of the Royal Granites.

### CHEMICAL RESISTANCE

The Royal Granites are dipped into the solutions given in the following schema. Chemical Resistance Test Solutions Results  
House Cleaning Products Ammonium Chloride A Swimming Pool Salts Sodium Hypochloride A Acid and Base, Chlorhydric Acid A Weak Concentration Citric Acid A Potassium Hydroxide A Acid and Base, Chlorhydric Acid A Strong Concentration Potassium Hydroxide A Classification is as A, B, C and A defines the best result.

### RESISTANCE AGAINST STAINING

Royal Granites are dipped into different stain leaving substances and cleaning procedure from the simplest to the most complex is applied. This test has results in five categories. The best result is 5 and it decreases towards 1.

Stain Type Stain Factor Result Green Stain leaving Residue 5 Rust stains formed as a result of chemical action 5  
Stains forming a thin membrane olive oil 5


### SCRATCH HARDNESS

When performed according to Moho scale, the test result obtained by rubbing some materials with hands on the Royal Granite surface is 7. Grades were between 0 - 10 and it is listed from the best to the least.

### ACCELERATED WEAR

In this procedure, the Royal Granites were dipped into cold-hot cycle 25 times. It is kept at room temperature for 4 hours, in water at  $85^{\circ}\text{C}$  for 4 hours and in a box at  $-15^{\circ}\text{C}$  for 18 hours. After the realization of the test, there is no effect to be reported concerning the Royal Granites.

### Packing Conditions

	 16x16mm	 20x20mm	 25x25mm	 24x27mm	 33x40mm
Sheet Dimensions	320x320mm	320x320mm	320x320mm	320x300mm	320x300mm
Tile Weight	9kg/m <sup>2</sup> +/- %0.5	9/5kg/m <sup>2</sup> +/- %0.5	10/2kg/m <sup>2</sup> +/- %0.5	10/3kg/m <sup>2</sup> +/- %0.5	10/5kg/m <sup>2</sup> +/- %0.5
Box Dimension	325x325x120mm	325x325x120mm	325x325x120mm	325x325x120mm	325x325x120mm
Box Capacity	2m <sup>2</sup>	2m <sup>2</sup>	2m <sup>2</sup>	2m <sup>2</sup>	2m <sup>2</sup>
10 Tile	1sqm	1sqm	1sqm	11 Tile = 1sqm	11 Tile = 1sqm



**Sport and Recreation Centers**  
Gymnasiums, Swimming Pools, Saunas



**Residences**  
Places of Daily Life, Homes in Towns and Cities, Holiday Homes, Apartment Blocks, Hotels



**Commercial Areas**  
Shops, Supermarkets, Shopping Centers, Collective Accommodations



**Caterings**  
Restaurants, Canteens, Kitchens, Gastrologies



**Health Centers**  
Hospitals, Clinics, Nurseries



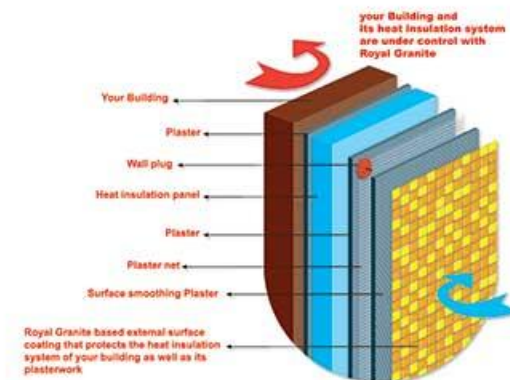
**Buildings**  
Training Centers (Schools, Universities), Offices, Public Buildings, Private Buildings, Airports, Train stations

### Royal Granite is an art Form, an Object of Art Itself...

You may reach the desired results in your projects via our high quality and rich color Royal Granites.

You will find suitable solutions with regard to your all decoration and covering challenges in these pages. The Royal Granite is the only alternative for the ones seeking long lasting and proper surfaces on the outer fronts and decorative applications. The Royal Granite coverings may be used in hospitals, airports, subway stations and in all environments requiring hygiene where also in baths, kitchens, corridors that require wet surface materials. They generate refined decorative solutions for terrace, balconies, gardens and particularly in pools. You may have our Royal Granites as tailored designs as well as standard designs.

They enrich any environment with aesthetics and originality.







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