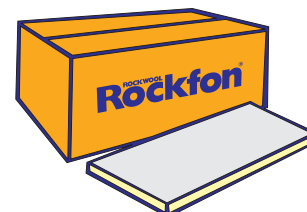


GRANITO

ACOUSTIC AND HYGIENIC, HUMIDITY RESISTANT SUSPENDED CEILINGS BOARDS

PRODUCT DESCRIPTION

Acoustic boards made of ROCKWOOL pressed stone wool. Both sides of the boards are covered with glass fibre veil, painted on the face surface in the colour of granite. The boards are smooth. They are available in 10 colours. The edges are sealed with paint.



APPLICATION

ROCKWOOL suspended ceilings are used in all building spheres: residential, administrative and industrial buildings, offices, banks, commercial sites, hotel, restaurants, pools, gymnasiums, fitness centers, sport halls, educational institutions, hospitals, laboratories, sanatoriums, industrial departments, workshops, corridors, residential and service premises etc....

SPECIFIC PROPERTIES OF ROCKFON SUSPENDED CEILINGS

- Notable improvement of thermal and acoustic insulation;
- Perfect humidity resistance, suitable for bathrooms, pools, saunas, etc.;
- Considerable increase of fire resistance time of the buildings;
- Dimensional stability of the tiles;
- Fast and easy to assemble;
- Lightweight and easily handled;
- Harmless to man, no requirements for special means of protection;
- Not an environment for rodents and micro-organisms;
- Good long term ceiling aesthetics.

PACKING

Cardboard boxes with the name of the manufacturer and the basic product data printed on the label.

DIMENSIONS, PRODUCT RANGE AND PACKING						
Edge Details	Symbol	Thickness (mm)	Length (mm)	Width (mm)	m²/pack	Weight / m²
	A	20	600	600	11.52	3.00
		20	1200	600	11.52	2.80

TECHNICAL PARAMETERS					
Typical Features	Symbol	Value	Unit	Standard	
Density	ρ	~ 80	kg / m³	EN 1602	
Reaction to fire	A_1	Non combustible	-	EN 13501-1	
Fire classification using data from fire resistance tests, excluding ventilation services	-	60	min	EN 13 501-2	
Relative humidity at 40°C	RH	100	%	EN 13 964	
Radiometric and photometric properties Asteria (711)	100 Lux	67.00	%	ISO 7724-2	
Radiometric and photometric properties Topazi (711.060)	100 Lux	61.40	%	ISO 7724-2	
Radiometric and photometric properties Obsidiane (711.062)	100 Lux	60.00	%	ISO 7724-2	
Radiometric and photometric properties Amarille (711.065)	100 Lux	44.00	%	ISO 7724-2	
Radiometric and photometric properties Carnevol (711.068)	100 Lux	37.00	%	ISO 7724-2	
Radiometric and photometric properties Granada (711.069)	100 Lux	21.60	%	ISO 7724-2	
Radiometric and photometric properties Rubis (711.071)	100 Lux	34.10	%	ISO 7724-2	
Radiometric and photometric properties Agate (711.072)	100 Lux	18.30	%	ISO 7724-2	
Radiometric and photometric properties Beril (711.073)	100 Lux	28.60	%	ISO 7724-2	
Radiometric and photometric properties Smaragd (711.074)	100 Lux	34.30	%	ISO 7724-2	
Dimensional stability under specified t - 35°C and humidity conditions 48h	-	≤ 1	%	EN 1604	
24 h short term water absorption by partial immersion	W_p	≤ 1	kg/m²	EN 1609	
Medium thermal resistance	λ_D	0.039	W / m.K	EN 12667/ISO 8302	

Any information contained in this datasheet describes the product properties applicable as at the time of issue. With respect to continuous development of these materials, changes to their properties may take place from time to time.

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GRANITO

TECHNICAL PARAMETERS

Typical Features	Symbol	Value			Unit			Standard
Measurement of sound absorption in a reverberation room α_s (of 20cm suspended ceiling)	Hz	125	250	500	1000	2000	4000	EN ISO 20354
	$\alpha_s / \delta = 20\text{mm}$	0.49	0.74	0.89	0.83	0.96	1.02	
Average noise reduction coefficient	α_w	0.90						EN ISO 20354
Average noise reduction coefficient	NRC	0.85						ASTM 423
Bulgarian Technical Approval	Protocol № 00-527 / 12.12.2005			SRICM, Sofia				EN 13 964
Sanitary Permit	№ 2066 / 1966 by Bulgarian Ministry of Health							
Quality Management System	Certificate No. 650671 / 13.01.2006			Lloyd's Register Quality Assurance				ISO 9001:2000

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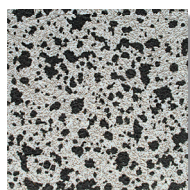
711.000 Asteria



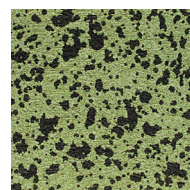
711.060 Topazi



711.062 Obsidiane



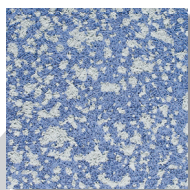
711.073 Beril



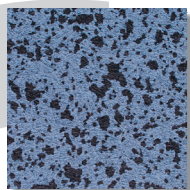
711.074 Smaragd



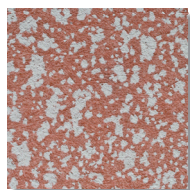
711.065 Amarille



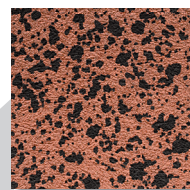
711.068 Carnevol



711.069 Granada



711.071 Rubis



711.072 Agate