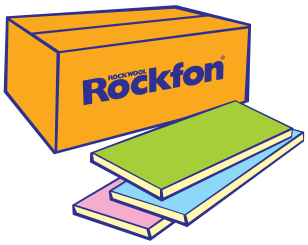
ROCKWOOL Rockfon®

ACOUSTIC AND HUMIDITY RESISTANT SUSPENDED CEILINGS

DATASHEET

FIBRAL COLOUR

ACOUSTIC AND HUMIDITY RESISTANT SUSPENDED CEILING BOARDS



PRODUCT DESCRIPTION

ROCKWOOL acoustic boards made of pressed stone wool. Both sides of the boards are covered with a glass fiber veil, painted on the face surface. The boards are smooth and are available in a wide variety of colors. The edges are sealed with paint.

APPLICATION

ROCKFON suspended ceilings are used in all spheres of building industry: residential, administrative and industrial buildings, business offices, banks, trading centers, hotels, restaurants, sports halls, fitness centers, swimming pools, gymnasiums, schools, hospitals, sanatoriums, laboratories, industrial store houses, workshops, corridors, housing estates, service rooms, etc.

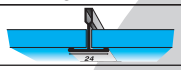
SPECIFIC PROPERTIES OF ROCKFON SUSPENDED CEILINGS

- 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	2.80
		20	1200	600	11.52	2.50

TECHNICAL PARAMETERS

Typical Features	Symbol	Value	Unit	Standard
Density	*P*	~ 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 Brique (567.003)	*100 Lux*	9.40	%	ISO 7724-2
Radiometric and photometric properties Napels (567.006)	*100 Lux*	49.8	%	ISO 7724-2
Radiometric and photometric properties Zwart (567.013)	*100 Lux*	3.60	%	ISO 7724-2
Radiometric and photometric properties Pacific (567.014)	*100 Lux*	28.9	%	ISO 7724-2
Radiometric and photometric properties Amazone (567.015)	*100 Lux*	43.0	%	ISO 7724-2
Radiometric and photometric properties Ocean (567.016)	*100 Lux*	59.5	%	ISO 7724-2
Radiometric and photometric properties Laguna (567.017)	*100 Lux*	53.3	%	ISO 7724-2
Radiometric and photometric properties Arctic (567.018)	*100 Lux*	59.5	%	ISO 7724-2
Radiometric and photometric properties Oasis (567.019)	*100 Lux*	62.2	%	ISO 7724-2

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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SIPER

ROCKWOOL Rockfon®

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TECHNICAL PARAMETERS

Typical Features	Symbol	Value	Unit	Standard
Radiometric and photometric properties Graphite (567.020)	*100 Lux*	16.1	%	ISO 7724-2
Radiometric and photometric properties Quartz (567.021)	*100 Lux*	39.7	%	ISO 7724-2
Radiometric and photometric properties Kiezel (567.022)	*100 Lux*	59.4	%	ISO 7724-2
Radiometric and photometric properties Dakar (567.023)	*100 Lux*	59.4	%	ISO 7724-2
Radiometric and photometric properties Amber (567.025)	*100 Lux*	35.3	%	ISO 7724-2
Radiometric and photometric properties Magnolia (567.026)	*100 Lux*	65.0	%	ISO 7724-2
Radiometric and photometric properties Nachtblauw (567.078)	*100 Lux*	4.00	%	ISO 7724-2
Radiometric and photometric properties Alu (567.079)	*100 Lux*	44.2	%	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

Measurement of sound absorption in a reverberation room α_s (of 20cm suspended ceiling)	Hz	125	250	500	1000	2000	4000	EN ISO 20354
	α_s / δ = 50mm	0.54	0.73	0.93	0.84	0.94	0.98	

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 № 650671 / 13.01.2006	Lloyd's Register Quality Assurance	ISO 9001:2000

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567.000 Wit


567.013 Zwart


567.022 Kiezel


567.018 Arctic


567.019 Oasis


567.024 Savanne


567.026 Magnolia


541 Cristal


567.079 Alu


567.021 Quartz

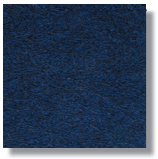

567.016 Ocean


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567.025 Amber


542 Structuur


567.078 Nachtblauw


567.020 Graphite


567.014 Pacific


567.015 Amazone


567.006 Napels


567.003 Brique

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