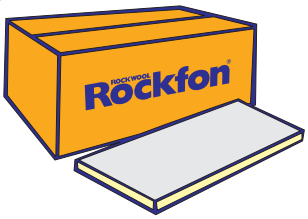
ROCKWOOL Rockfon®

ACOUSTIC AND HUMIDITY RESISTANT SUSPENDED CEILINGS

DATASHEET

PALLADIO

ACOUSTIC AND HUMIDITY RESISTANT SUSPENDED CEILING BOARDS



PRODUCT DESCRIPTION

Acoustic boards made of ROCKWOOL pressed stone wool. Both sides of the boards are covered with glass fibre veil and painted in pastel colors on the face surface. The boards are smooth. They are available in a variety of 7 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;
- Easy to cut by a sharp knife and 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	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 Aqua Marina (714.001)	*100 Lux*	-	%	ISO 7724-2
Radiometric and photometric properties Flourian (714.002)	*100 Lux*	-	%	ISO 7724-2
Radiometric and photometric properties Tinos (714.003)	*100 Lux*	-	%	ISO 7724-2
Radiometric and photometric properties Paradiso (714.004)	*100 Lux*	-	%	ISO 7724-2
Radiometric and photometric properties Afyon (714.005)	*100 Lux*	-	%	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®

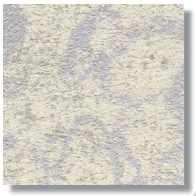
ACOUSTIC AND HUMIDITY RESISTANT SUSPENDED CEILINGS

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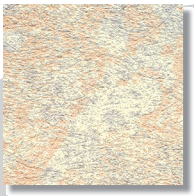
PALLADIO

TECHNICAL PARAMETERS								
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 = 20mm	0.51	0.78	0.91	0.82	0.98	1.10	
Average noise reduction coefficient	*NRC*	0.85			-			ASTM 423
Laboratory measurement of room-to-room airborne sound insulation of a suspended ceiling with a plenum above it	*Dncw*	45			dB			EN ISO 20 140 - 9
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

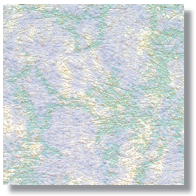
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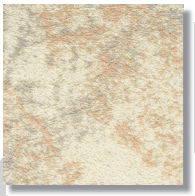
714.001 Aqua Marina



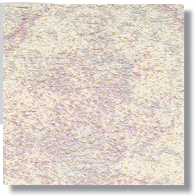
714.002 Flourian



714.003 Tinos



714.004 Paradiso



714.005 Afyon

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