ROCKWOOL Rockfon®

ACOUSTIC AND HUMIDITY RESISTANT SUSPENDED CEILINGS

DATASHEET

PARAL AMMOS, ASTRA, TRAVERTIN, STUC FIN
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, painted on the face surface. The boards are either white, or with fine figures; either smooth, or with light decorations. 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	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 resistance of horisontal carrier construction	-	60			min			EN 13 501-2
Relative humidity at 40°C	*RH*	100			%			EN 13 964
Radiometric and photometric properties Ammos (545)	*100 Lux*	84.3			%			ISO 7724-2
Radiometric and photometric properties Astra (569)	*100 Lux*	76.4			%			ISO 7724-2
Radiometric and photometric properties Travertin (556)	*100 Lux*	60.3			%			ISO 7724-2
Radiometric and photometric properties Fijine Stuc (555)	*100 Lux*	68.1			%			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 = 20mm	0.41	0.68	0.69	0.67	0.78	0.73	
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

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.

Address: SIPER-BULGARIA Ltd.
1592 Sofia, P.O. box 150; zh.k."Druzhba 1",
blvd. "Prof.Tsvetan Lazarov" № 50
National phone: /+359 2/ 070019889; fax: +359 2/ 979 00 60
web page: www.siper.bg; e-mail: office@siper.bg

SIPER

ROCKWOOL Rockfon®

ACOUSTIC AND HUMIDITY RESISTANT SUSPENDED CEILINGS

DATASHEET

PARAL AMMOS, ASTRA, TRAVERTIN, STUC FIN



555 Fijne Stuc



556 Travertin



569 Astra



545 Ammos

CE

Address: SIPER-BULGARIA Ltd.
1592 Sofia, P.O. box 150; zh.k."Druzhba 1",
blvd. "Prof.Tsvetan Lazarov" № 50
National phone: /+359 2/ 070019889; fax: +359 2/ 979 00 60
web page: www.siper.bg; e-mail: office@siper.bg

SIPER