Armstrong

HYGIENIC SUSPENDED CEILINGS

DATASHEET

BIOGUARD

HYGIENE ARMSTRONG SUSPENDED CEILING BOARDS



PRODUCT DESCRIPTION

Mineral wool suspended ceiling boards, with fillers like: pearlite, cellulose, clay and starch. The boards are covered with dispersion paints, colorless on their back side, with white rough structure surface.

APPLICATION

ARMSTRONG boards are applicable in premises of high requirements for neatness, such as hospitals, laboratories, sanatoriums, white rooms, computer halls, special production departments in pharmaceutical and food industry, etc.

SPECIFIC PROPERTIES OF ARMSTRONG SUSPENDED CEILINGS

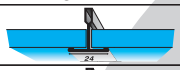
- Designed for premises of high requirements for neatness and hygiene;
- Long term aesthetic appearance;
- Notable improvement of acoustics and good indoor environment;
- Fast and easy to assemble;
- Considerable increase in fire resistance time of the buildings;
- Harmless to man, no requirements for special means of protection;
- Not an environment for rodents and micro-organisms;
- Dimensionally stable;
- Lightweight and easily handled.



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
	Board	15	600	600	5.76	4.50
		15	1200	600	7.20	4.50
	Tegular	15	600	600	5.04	4.50
	Microlook	15	600	600	5.04	4.50

TECHNICAL PARAMETERS

Typical Features	Symbol	Value			Unit			Standard
Reaction to fire	A_1	Non combustible			-			EN 13501-1
Fire resistance of horisontal carrier construction	-	60			min			EN 13501-2
Relative humidity at 40° C	*RH*	95			%			EN 13964
Light reflection	*100 Lux*	90			%			ISO 7724-2
Stability of sizes 48h, 35°C	-	≤ 1			%			EN 1604
Water absorption 24h short dipping	W_p	≤ 1			kg/m²			EN 1609
Thermal resistance coefficient	λ_D	0.052 - 0.057			W / m.K			EN 12667/ISO 8302
Sound absorption coefficient α_s (20 cm suspended ceiling)	Hz	125	250	500	1000	2000	4000	EN ISO 20354
	α_s	-	-	-	-	-	-	
Average sound absorption coefficient	α_w	0.15			dB			EN ISO 20354
Average noise reduction coefficient	*NRC*	0.15			dB			ASTM C 423 REV A
Acoustic insulation coefficient	*Dncw*	37			dB			EN ISO 20 140 - 9
Bulgarian Technical Approval	Protocol № 04.65 / 01.12.2004			SRICM, Sofia				EN 13 964
Sanitary Permit	RD № 856/13.12.2004 by Bulgarian Ministry of Health							
Quality Management System	Certificate № 653562 / 07.05.2002			Lloyd's Register Quality Assurance (LRQA)				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