

FIREPLAC® VE-A2

Raw board

PERLITE FIRE PROTECTION PANEL

Our fire protection panel FIREPLAC® VE-A2 is primarily made of perlite and is characterized by stability, low weight, and easy processing.



recyclable



incombustible



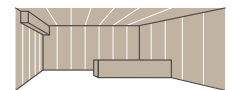
low weight



formaldehyd-free



long tool life



Especially suitable for
floor; walls; furniture; shop fitting and exhibition stands

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	Recommended configuration	Individualisation
CORE BOARD		
Core board:	Core board made of Vermiculite, A2-s1, d0 according to EN 13501-1	
Core board thickness:	19 mm calibrated	see core board table
FORMATS		
Formats:	2600 x 1250 mm (thickness 19 calibrated)	2420 x 1210 mm (thickness 15-40 mm)
VISIBLE SIDE		
Quality:	Raw board	
REVERSE SIDE		
Quality:	Raw board	

CERTIFICATES

NAF/FF

Fire behavior

DIN EN 13501-1
DIN EN 45545-2*

A2-s1, d0
Requirement set R1 for hazard class HL3

IMO Res. MSC 307(88)

Annex 1, Part 5
Annex 2, Part 2



ADDITIONAL INFORMATION

This material is made from a natural substance; variations in geophysical composition are normal and unavoidable. Minor differences in material behavior are not a valid reason for complaints. Please note that the material has lower stability compared to wood-based products. The raw panel must not be exposed to prolonged moisture or standing water.

- Lightweight panel material
- Approved for shipbuilding (IMO Annex 1, Part 5 and Annex 2, Part 2)
- Approved for rail vehicles, R1, HL3
- Free from formaldehyde, solvents and plasticizers
- Free from animal-derived additives (vegan)
- High edge stability
- Suitable for outdoor use
- Environmentally friendly

Core board: Weight: 550 kg/m³, flexural strength VIAM048 approx. 5 N/mm², compressive strength TIAM031 approx. 9N/mm²

Note: Please note that wood is a natural product. Irregularities in color and structure are a natural characteristic and are generally desirable. Please understand that samples and illustrations regarding color and structure can only be an indication.

CONTACT OUR EXPERT TEAM

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	No. 0098	
Flexural strength	VIAM048	ca. 5 N/mm ²
Compressive strength	TIAM 031	ca. 9 N/mm ²
Flexural modulus	TIAM 031	ca. 1,9 × 10 ³ N/mm ²
Thermal linear expansion	VIAM 020	ca. 9 × 10 ⁻⁶ 1/K
Thermal conductivity	EN 12667	0,18 W/(m×K)
Water vapor diffusion resistance factor μ	VIAM 018	ca. 7
Frost resistance	DIN 52104	Frost-resistant
Screw withdrawal strength **	DIN EN 320	ca. 600 N

*based on preliminary testing

**Internal testing according to DIN EN 320, tested as a composite element with HPL

1.2 mm, fasteners: Spaxx 4.5 mm. The specification is non-binding and should be considered as a reference value.

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