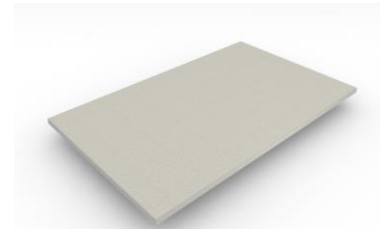


Technical data sheet

VeroBoard® Classic



Characteristics

Application Exterior and interior
Versatile, lightweight, and easy-to-install board e.g. as a carrier board for many different kinds of surface applications

Properties

Properties

Advantages

Low weight

Easy to handle during application

Very low modulus of elasticity

Low state of stress in the system
individual design freedom concerning
surface decoration

Suitable for curved surfaces

High resistance to cracking

Good shock and impact resistance

System assurance

Mesh-reinforced on both sides

High mechanical resistance

Bracing effect

Very small thermal and hygric deformation

Seamless installation possible, straight-
edged joining

Frost-resistant

Can be used outside

Easy to process and install

Simple and reliable installation

Board can be cut with a knife

Can be scored and then snapped

Installation is possible without pre-drilling

No special tools necessary

Material description

The VeroBoard® Classic is manufactured from a material, which consists of approx. 96% expanded glass granulate, and which is bonded with an organic binding agent. An bright alkali-resistant glass fibre mesh is arranged on both of the outer sides

Format

Thickness	Standard format 1200x800 mm	Large format 2400x1200 mm	Special format 2600x1250 mm	Special format 3200x1200 mm
8 mm	✓	✓	unavailable	on request
10 mm	✓	✓	unavailable	✓
12 mm	✓	✓	✓	✓
15 mm	on request	on request	unavailable	unavailable
20 mm	✓	✓	✓	✓

Appearance

Light-coloured surface with visible mesh reinforcement arranged on both sides

Technical data

Criterion	Standard/test specifications	Value/unit
Apparent density		500 kg/m ³
Reaction to fire	DIN 4102 DIN EN 45545-2*	B1 limited combustibility Requirement set R1 for hazard level HL3
Flexural strength	DIN EN 196-1	9 N/mm ² *
Compressive strength	DIN EN 196-1	4 N/mm ² *
Flexural modulus	EN ISO 178	1800-2000 N/mm ² *
Thermal expansion	TIAP-650	0.0000095 1/K
Thermal conductivity	DIN 52612	0.11 W/(m*K) *
Water vapour diffusion-equivalent air layer thickness μ	EN ISO 7783-2	15 *
Swelling characteristics in storage at an air temperature of 23 °C	VIAM 015 (internal)	0.6 mm/m *
Sound Attenuation	ISO 140-3	23-47 dB

The characteristic values stated are average values or approximate values. Due to the raw materials used in our products, the stated values can vary slightly in the same delivery batch without adversely affecting the suitability of the product.

*after initial testing, detail information at www.verotec.de

Delivery

Transport Protect against moisture and damage during transport. Do not throw or push.

Conditions Ex works Verotec GmbH, Lauingen

Packaging Unit / pallet or pallets / trailer

Customs Tariff Number 70169070

Storage / disposal

Storage conditions Store in dry conditions and protect from the sun.

Disposal Dispose of waste in accordance with the regulations of the local authorities.
When deposited in landfill sites, the material does not release any water-soluble substances that could cause contamination of the ground water. The material also does not decompose into harmful products over time.
Waste code AVV 170107 mixed building waste
The disposal of clean packaging waste can be carried out by Zentek GmbH & Co. KG, contract number TVP-VdL-1311383.

Special information

VeroBoard® Classic IG must never be exposed to permanent moisture penetration or waterlogging.

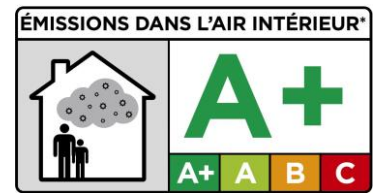
The information or data in this Technical Data Sheet serves to ensure the product's intended use, or its suitability for use, and is based on our findings and experience. Nevertheless, users are responsible for establishing the suitability of the product for its intended use.

Applications which are not specifically mentioned in this Technical Data Sheet are only permitted after prior consultation with Verotec.

Health

VeroBoards do not contain any toxicants. There is no hazard or impairment to health based on the current state of knowledge.

Expert report / certificates / approvals



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When this Technical Data Sheet is published, all previously applicable Technical Data Sheets are no longer valid.

Revision no. 10/10.20

Valid from: 1 October 2020

Product name: VeroBoard® Classic