

## Technical Data Sheet

### VeroBoard® AllStar



#### Characteristics

**Area of 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

Non-combustible, reaction to fire  
A2-s1,d0

Low weight

Very low modulus of elasticity

Good shock and impact resistance

Mesh-reinforced on both sides

Very small thermal and hygric deformation

Frost-resistant

Easy to process and install

##### Advantages

Can be used for applications with high fire protection requirements

Very easy handling

Low state of stress in the system  
individual design freedom for surfaces  
Flexible, therefore suitable for curved surfaces  
High resistance to cracking

System assurance

High mechanical resistance  
Bracing effect

Seamless installation possible,  
straight-edged joining

For outside use

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

VeroBoard® AllStar consists of expanded glass granulate, organic binding agent and alkali-resistant glass-fibre mesh on both sides.

#### format

Board thicknesses: 8, 10, 12, 20 mm  
Standard format: 1200 x 800 mm; 2400 x 1200 mm; 2600 x 1250 mm; 3200 x 1200 mm  
Additional board dimensions on request

#### Appearance

Grey surface with visible mesh reinforcement arranged on both sides

## Technical data

Criterion	Standard/test specifications	Value/unit
Apparent density		540 kg/m <sup>3</sup>
Reaction to fire	DIN EN 13501	A2-s1, d0 non-combustible
Flexural strength	DIN EN 196-1	9 N/mm <sup>2</sup> *
Compressive strength	DIN EN 196-1	4 N/mm <sup>2</sup> *
Flexural modulus	EN ISO 178	1800-2000 N/mm <sup>2</sup> *
Thermal expansion	TIAP-650	0.0000095 1/K
Thermal conductivity	DIN 52612	0.12 W/(m*K) *
Water vapour diffusion-equivalent air layer thickness $\mu$	EN ISO 7783-2	15 *
Swelling characteristics in storage at an air temperature of 23°	VIAM 015 (internal)	0.6 mm/m *

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.

\* Test object with a board thickness of 12 mm

## 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	<p>Dispose of waste in accordance with the regulations of the local authorities.</p> <p>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.</p> <p>Waste code AVV 170107 mixed building waste</p> <p>The disposal of clean packaging waste can be carried out by Zentek GmbH &amp; Co. KG, contract number TVP-VdL-1311383.</p>

## Special information

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

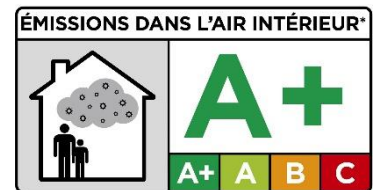
The information or data in this Technical Data Sheet serves to ensure the product's intended use, or its suitability for use, and is based on our findings and experience. Nevertheless, users are responsible for establishing the suitability of the product for its intended use.

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.

## Reports/certificates/approvals



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All previously applicable Technical Data Sheets become invalid on publication of this Technical Data Sheet.

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**Product name: VeroBoard® AllStar**