



Heraklith Agro

Ventilation boards for agricultural buildings



Description of Product:

- Mineral bound Wood Wool board.

Purpose of use:

- Agricultural buildings, stables
- Ventilation panel for large-area ventilation of stables by means of pressure difference (pore ventilation), where the incoming air flows through the panel.

Advantages:

- Optimal pore ventilation function
- Uniform flow characteristics
- Non-sensitive to plant and animal pests

Notes:

- Wet or dirty mineral wool layers and damaged ventilation panels must be replaced in order to keep heat insulation and the air flow in function as required
- In areas of the ventilated ceiling where no air flow through the panel is necessary, such as corridors etc., we recommend the installation of a vapour barrier between the mineral wool layer and the top edge of the wooden construction to which the ventilation panels are attached.

- Do not clean the panels with a steam jet. Fasten the panels with at least 45 mm long rust-protected dry-wall screws with a head diameter ≥ 12 mm at right angles to the subconstruction (Maximum distance between centres 600 mm)
- Not suitable for installation with adhesives
- Suitable for up to 90% relative humidity, with maximum sagging of up to 6 mm
- Please observe the relevant processing guidelines. In addition, the relevant standards and the recognised rules of technology apply.

Airflow:

Vacuum [Pa]	Average air flow MW [m ³ /hm ²]
1	69
2	143
3	210
4	250
5	296
6	328
7	356

Technical data

Thickness	mm	25
Weight	kg/m ²	9,7
Length	mm	2400
Width	mm	600

Form of delivery: palletised

Characteristics	Symbol	Description / Data	Unit	Standard	Level acc. EN 13168
Fire behaviour	--	B-s1, d0	--	EN 13501-1	
Thickness	d	25	[mm]	EN 13168	
Nominal thermal conductivity	λ_D	0,07	[W/mK]	EN 13168	
Nominal thermal insulation resistance	R _D	0,35	[m ² K/W]	EN 13168	
Bending strength	σ_b	≥ 2000	[kPa]	EN 12089 Method A	
Width tolerance		± 3	[mm]	EN 13168	W1
Thickness tolerance		+ 3 / - 2	[mm]	EN 13168	T1
Water vapour diffusion resistance coefficient	μ	5	--	EN 13168	

Store the panels flat and protect against moisture and dirt. The packaging will not protect the products against rain! Only install panels which are in a dry condition.

Sale via the specialist trade.



Institut für Bauen
und Umwelt e. V.

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