

ALTIKA



QUALITY INDEX OF PEAT BLOCKS

Dimensions	mm	510?250?88
Volume weight	kg/?m ³	250-430
Weight	kg	4
Heat transmission index	W/m ³	0,06-0,08
Compression limit	kg/?m ²	8-12

Peat is used as raw material, and sawdust, minced straw and flax boom are used as filling agents.

Heat insulation blocks are shaped and dried. It is a complex process that includes compression, shrinkage, structure forming, phase transition and chemical transformations.

The obtained products comply with safety and environment requirements.

Application: it is used as heat insulating material for building 1 to 10 storey apartment houses with heat emission resistance of $R_0=3,4$, like bungalows, garages, vegetable stores, buildings for cattle and poultry, as well as for warming the ceiling covers and garret floors.

When low buildings are to be constructed the material can be used for constructing with the same heat emission resistance. This material is easy to cut, to work and to adjust with a common hack-saw.

There are no fractions, no dust to cause irritation when working with this material.

The use of peat blocks comply with brickwork traditions. It does not require special training.

Due to unique qualities of peat, peat blocks' particles can be used as bactericidal, adsorptive and filtering material.

The air in the room will be clear, light and fresh and you will feel like in a pine forest.

The use of peat blocks is the best decision to obtain comfortable living conditions.

The use of peat blocks for room and flat partitioning is a break-through in construction technique::

- ?? Small weight
- ?? Planning and re-planning of rooms up to the customer's desire
- ?? Utmost simplicity of construction works
- ?? Possibility of construction at any season
- ?? Durability: the material is resistant to rotting and damage by rodents
- ?? High heat and energy economy
- ?? High



The peculiarities of these buildings are:

- Environmental friendliness and a "wooden house effect"
- A wide range of architectural solutions
- High level of radioactive resistance
- Low energy consumption
- Low construction cost.



For more information, contact:

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