

**КЕРАМЗИТ**

Новолукомль



Novolukoml

**КЕРАМЗИТ**®

MINISTRY OF ARCHITECTURE AND CONSTRUCTION OF THE REPUBLIC OF BELARUS

JOINT STOCK COMPANY

“PLANT OF EXPANDED CLAY GRAVEL NOVOLUKOML”  
JSC “Plant of Expanded Clay Gravel Novolukoml”

Expanded Clay Lightweight Concrete Blocks “TermoComfort”  
(STB 1008-95 “Building Concrete Stones. General Specifications”)



JSC “Plant of Expanded Clay Gravel Novolukoml” brought to a commercial level the manufacture of expanded clay lightweight concrete blocks “TermoComfort”, the analogue of the European blocks Super-K and SuperTermo. It is brand new wall heat insulating material which is suitable for both load-bearing structures and building envelopes. An expanded clay lightweight concrete block “TermoComfort” is a slotted type block (7 ranks of slots) having vertical ribs which allow excluding mortar cross joints.

#### PROPERTIES AND PERFORMANCE

- Three Dimension Types ( $L \times B \times H$ , mm) – 120×425×190; 245×425×190; 370×425×190;
- Stone Density,  $\text{kg/m}^3$  – 600, 700;
- Compressive Strength, MPa – 3;
- Frost Resistance – F50;
- Coefficient of Thermal Conductivity of Masonry, W/m K – 0,139;
- Reduced Total Thermal Resistance of the wall fragment of 425 mm thick taking into account mortar joints of 10 mm thick,  $\text{m}^2 \text{K/W}$  – 3,056;
- Sound Reduction Index, dB – 55;
- Air Permeability Resistance of the wall fragment of 440 mm thick including plaster of 15 mm thick on the back of wall and mortar bed joints,  $\text{m}^2 \text{h daPa/kg}$  – 96,6;
- Fire Endurance at  $t=1050^\circ\text{C}$  – RE 180;
- Specific Effective Activity of Natural Radionuclides, Bq/kg – 171 (the material complies with Class 1).

Contact Phone Numbers /Faxes

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ISO 9001  
ISO 14001  
OHSAS 18001  
BUREAU VERITAS  
Certification

№ 210610 / № 210635 / № 211746

