

### ECOLOGICAL AND ECONOMICAL THERMAL INSULATION MATERIAL

Cellulose wool – natural, breathing and effective thermal insulation material that is produced from natural cellulose fibers in the processing of waste paper. Due to its ecological properties, cellulose wool is chosen by those who want to insulate their home as much as possible with natural materials, in such a manner creating a healthy indoor climate. Cellulose wool is also suitable for thermal insulation of industrial buildings and acoustic isolation indoors. Cellulose wool is widely used for thermal isolation of kindergartens, schools and health care facilities, thereby confirming its favorable effect on human health. Balticfloc cellulose wool produced in Latvia, in the process of recycling waste paper, getting valuable cellulose fiber. Therefore, the obtained product is a high-quality thermal insulating material.

Balticfloc cellulose wool – natural, friendly to human health and effective solution for insulating homes.



### PROPERTIES OF CELLULOSE WOOL

- Eco-friendly materials
- Efficient thermal insulation properties
- Breathing thermal insulation material
- Nonallergic material - safe for health and at the moment of installation and during operation
- Wide range of applications and various installation methods
- Economical in use, because it doesn't occur surplus of material
- Flame-resistant material
- Excellent sound-proofing properties
- Do not contribute to the appearance of rodents and insects

### APPLICATION

#### Wet installation of cellulose wool

Wet installation is used in open structures of walls, ensuring efficient insulation even for completely vertical surfaces. With the help of special equipment, material is sprayed on the surface, allowing you to fill up also difficult or narrow constructions. After thorough drying of the material, it firmly adheres to the surface, eliminating the possibility of surface deformation or cracking.



### Dry horizontal installation of cellulose wool

Dry horizontal installation of cellulose wool provided for insulating floors and attics.

With the help of special equipment cellulose wool easily blown on the surface that need to be warmed, creating a thick, but also breathing and moisture-regulating heat-insulating layer.



### Dry horizontal installation of cellulose wool

In dry form cellulose wool using special pressure equipment "swells" on inclined or vertical structures, such as frames in a specially formed in the walls of buildings. The fine structure of the material allows it to be installed in tight spaces, filling all cracks and crevices. In addition, setting cellulose wool using pressure, the material is compacted, ensuring that over time he sits down.



## WORK SPECIFICATION

<b>Thermal conductivity</b>	0,039 W/mK
<b>The deposition for horizontal applications (type)</b>	SH10
<b>Deposition for vertical and sloped applications (type)</b>	SC0
<b>Type of fire reaction</b>	C-s1, d0
<b>Humidity</b>	6,5 +/-1
<b>PH value of water balance</b>	7,5 +/-1
<b>Content of cellulose</b>	80%
<b>Ecological compatibility</b>	As feedstock is used waste paper. In the production process the environment isn't polluted, the insulation can be reused, recycling it.

## PROFESSIONAL INSTALLATION

Cellulose wool can be installed on its own, and also entrusting insulation qualified professionals who before the insulation will conduct a thermal audit of your home. Balticfloc works with the best Latvian experts in the field of thermal insulation of buildings, ensuring a great result. Cellulose wool Balticfloc choosing and entrusting the work of our masters, the effect of the work on warming you will feel immediately.

**SIA "Balticfloc"**

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