Balticfloc

BFlex hemp

ECOLOGICAL INSULATION MATERIAL MADE FROM RENEWABLE NATURAL RESOURCE

Made in Latvia

The thermal insulation material "BFlex" is an ecological, breathable and high quality thermal insulation material, which is made in Latvia, from natural cellulose fiber, by recycling waste paper, and high value hemp fibers.
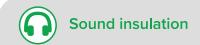
"BFlex" is a natural, human health and environmentally friendly, and efficient home insulation solution. Insulation mate- rial is suitable for both new construction and renovation projects.

Thanks to its high insulation and excellent moisture regulation properties, the thermal insulation material effectively maintains the house warm in the cold winter season and prevents the house from overheating in the hot summer days.

PROPERTIES OF BFLEX

- Ecological
- Sound insulation
- Breathable
- Fire - resistant
- Pests do not like
- Carbon neitral

COMPOSITION

"BFlex" contains 30-70% cellulose fiber, which is obtained from recycled waste paper, and 30-70% hemp fiber, which is obtained from hemp produced in Latvia. Natural salts are added to the product composition that suppress flames and make the material fire-resistant.

cellulose fibre + hemp fibre

APPLICATION

Thermal insulation material is produced in slabs which makes it easy to install into building structures. For its installation, it is not necessary to hire an installation specialist or purchase special installation equipment."BFlex" can be used for insulation of coverings, floors, inclined surfaces and wall structures. Due to such a composition, the material is completely safe in manufacturing, assembly and exploitation.

| Wall | Floor | Roof | Ceiling |

Dimention	Thicknesses
1200mm x 575mm	50mm, 80mm, 100mm

* Other sizes may be available on request

TECHNICAL DATA

Thermal conductivity	0.038 W/mK
Fire reaction class	E class
Density	56 - 62 kg /m3
Raw materials	waste paper, hemp fibre

SIA Balticfloc is the most experienced waste paper recycling company in Latvia with the broadest array of recycled products. While developing the production capacity, the company constantly learns new technologies and carries out research work for the creation of innovative products.

Valsts reģionālās attīstības aģentūra