

## VestaEco FLEX

Flexible insulating mat made of natural fibres.

Flexible insulating mat made of natural fibres. Widely used as between-rafter insulation and as an insulating infill of walls and slabs with a timber frame structure. Thanks to its high density and heat capacity, it increases the thermal inertia of timber frame structures, which helps to protect indoor spaces from overheating in summer and their sudden cooling in winter.



Certificates:



### Product advantages:

- > Healthy, eco-friendly material based on natural resources
- > Protection against cold in winter and heat in summer thanks to high thermal capacity
- > Vapour-permeable material, regulates the microclimate of interiors
- > Eco-friendly production process, thanks to the use of innovative, patented DefibraTech 1.0 technology

### Available dimensions

Format mm	Thickness mm	pcs/pallet	m <sup>2</sup> /pallet	kg/m <sup>2</sup>	kg/pallet
565x1200	40	100	67,80	2,80	190
565x1200	60	60	40,68	4,20	171
565x1200	80	50	33,90	5,60	190
565x1200	100	40	27,12	7,00	190
565x1200	120	30	20,34	8,40	171

### Technical parameters

Parameter	Value
density	approx. 70 kg/m <sup>3</sup>
thermal conductivity coefficient $\lambda D$	0,037 W/(m <sup>2</sup> K)
thermal capacity C	2100 J/(kg <sup>2</sup> K)
diffusion resistance factor $\mu$	2
fire classification	E
components	lignocellulosic fibres, cellulose fibres, BICO fibres
material manufactured in compliance with the norm	PN-EN 13171