



vestaeco

NATURALLY ALWAYS WITH YOU



VestaEco is a natural friend of your home – a building material which like no other cares for the health of your family for years.

VestaEco is a producer of eco-friendly, insulation materials made of lignocellulose fibers used in timber frame construction for facade and roof insulation as well as acoustic underlay for floating floors.



PRODUCT ADVANTAGES:



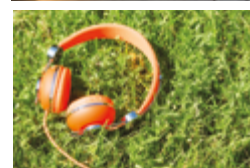
NATURAL ORIGIN

– the raw material used for production of lignocellulose fibers comes from annual plants



THERMAL INSULATION

– the material helps to protect buildings from ambient temperature due to the low thermal conductivity



SOUND INSULATION

– irregular arrangement of fibers and their spongy structure effectively insulates against airborne and impact sound



VAPOR PERMEABILITY

– high vapor permeability helps to control the indoor microclimate



VestaEco WALL / WALL S

Impact-resistant and vapour-permeable thermal insulation for masonry walls.

Impact-resistant and vapour-permeable thermal insulation for masonry walls. Improves energy conservation by keeping heat inside the building during winter while providing a favourable microclimate of its interiors. Thanks to high thermal capacity it also protects against high temperatures and provides pleasant coolness during summer. Recommended in particular when erecting new buildings, when the amount of water to be discharged in connection with mason works is the largest. Available with an increased density layer (WALL S).



Advantages of the product:

- 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
- Does not absorb water
- Eco-friendly production process, thanks to the use of innovative, patented DefibraTech 1.0 technology

AVAILABLE DIMENSIONS

Product name	Dimensions (mm)	Thickness (mm)	Pieces / pallet	m ² / pallet	kg/m ²	kg/pallet
VestaEco WALL	600x800	40	100	48,00	5,60	269
VestaEco WALL	600x800	80	50	24,00	11,20	269
VestaEco WALL	600x800	120	32	15,36	16,80	258
VestaEco WALL	600x800	160	24	11,52	22,40	258
VestaEco WALL	600x800	200	20	9,60	28,00	269

Product name	Dimensions (mm)	Thickness (mm)	Pieces / pallet	m ² / pallet	kg/m ²	kg/pallet
VestaEco WALL S	600x800	80	50	24,00	11,20	269
VestaEco WALL S	600x800	120	32	15,36	16,80	258
VestaEco WALL S	600x800	160	24	11,52	22,40	258
VestaEco WALL S	600x800	200	20	9,60	28,00	269

TECHNICAL PARAMETERS

Parameter	Value
Density	approx. 140 kg/m ³
Thermal conductivity coefficient λ	0,043 W/(m·K)
Thermal capacity C	2100
Diffusion resistance factor μ	5
Short-term water absorption	<1 kg/m ²
Compression strength	30 kPa
Fire classification	E
Components	lignocellulosic fibres, PMDI resin
Material manufactured in compliance with the norm	PN-EN 13171

VestaEco FLAT / FLAT S

Fast and efficient elimination of heat losses on flat roofs and non-usable attics.

Fast and efficient elimination of heat losses on flat roofs and non-usable attics. Recommended in particular to insulate floors resting on joists where beyond thermal insulation it also provides acoustic insulation against sounds travelling between storeys. Available with one side increased density layer (FLAT S) allowing treading of feet upon.



Advantages of the product:

- 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
- Does not absorb water
- Eco-friendly production process, thanks to the use of innovative, patented DefibraTech 1.0 technology



AVAILABLE DIMENSIONS

Product name	Dimensions (mm)	Thickness (mm)	Pieces / pallet	m ² / pallet	kg/m ²	kg/pallet
VestaEco FLAT	600x800	40	100	48,00	5,60	269
VestaEco FLAT	600x800	80	50	24,00	11,20	269
VestaEco FLAT	600x800	120	32	15,36	16,80	258
VestaEco FLAT	600x800	160	24	11,52	22,40	258
VestaEco FLAT	600x800	200	20	9,60	28,00	269

Product name	Dimensions (mm)	Thickness (mm)	Pieces / pallet	m ² / pallet	kg/m ²	kg/pallet
VestaEco FLAT S	600x800	80	50	24,00	11,20	269
VestaEco FLAT S	600x800	120	32	15,36	16,80	258
VestaEco FLAT S	600x800	160	24	11,52	22,40	258
VestaEco FLAT S	600x800	200	20	9,60	28,00	269

TECHNICAL PARAMETERS

Parameter	Value
Density	approx. 140 kg/m ³
Thermal conductivity coefficient λ	0,043 W/(m ² K)
Thermal capacity C	2100
Diffusion resistance factor μ	5
Short-term water absorption	<1 kg/m ²
Compression strength	30 kPa
Fire classification	E
Components	lignocellulosic fibres, PMDI resin
Material manufactured in compliance with the norm	PN-EN 13171

VestaEco STRAWBLOCK / STRAWBLOCK I47/I72

Lightweight blocks for strawbale walls and roofs.

Lightweight blocks for strawbale walls and roofs. Low thermal conductivity coefficient as well as high heat capacity improve the indoor microclimate both in winter and summer. Very low short-term water absorption effectively prevents mold fungi growth. The product of predictable parameters is available all year round. The version with milled corners (STRAWBLOCK I47 and I72) makes possible installation within the I-beam structure.



Advantages of the product:

- 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
- Low water absorption prevents mold fungi growth
- Product available all year round

Certificates

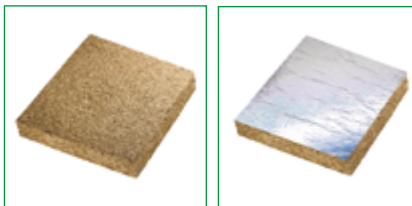


AVAILABLE DIMENSIONS

Product name	Dimensions (mm)	Thickness (mm)	Pieces / pallet	m ² / pallet	kg/m ²	kg/pallet
VestaEco STRAWBLOCK	400x560	200	40			251
Product name	Dimensions (mm)	Thickness (mm)	Pieces / pallet	m ² / pallet	kg/m ²	kg/pallet
VestaEco STRAWBLOCK I47	400x590	200	40			264
VestaEco STRAWBLOCK I72	400x590	200	40			264

TECHNICAL PARAMETERS

Parameter	Value
Density	approx. 140 kg/m ³
Thermal conductivity coefficient λ	0,046 W/(m*K)
Thermal capacity C	2100 J/(kg*K)
Diffusion resistance factor μ	5
Short-term water absorption	<1 kg/m ²
Compression strength	30 kPa
Fire classification	E
Components	lignocellulosic particles, PMDI resin
Material manufactured in compliance with the norm	EN 16368



VestaEco SCREED/ SCREED R

High compressive strength and good thermal insulation properties enable using the product as a foundation under the levelling or screed layer.

High compressive strength and good thermal insulation properties enable using the product as a foundation under the levelling or screed layer. Particularly suitable to insulate the so called "cold floors" (on the ground or above unheated rooms). Very good insulator, especially in the version with aluminium foil (SCREED R) reflecting heat back towards inside.



Advantages of the product:

- Healthy, eco-friendly material based on natural resources
- High compressive strength
- Does not absorb water
- Eco-friendly production process, thanks to the use of innovative, patented DefibraTech 1.0 technology

AVAILABLE DIMENSIONS

Product name	Dimensions (mm)	Thickness (mm)	Pieces / pallet	m ² / pallet	kg/m ²	kg/pallet
VestaEco SCREED	600x800	30	132	63,36	5,40	342
VestaEco SCREED	600x800	40	100	48,00	7,20	346
VestaEco SCREED	600x800	60	66	31,68	10,80	342
VestaEco SCREED	600x800	80	50	24,00	14,40	346
VestaEco SCREED	600x800	120	32	15,36	21,60	332

Product name	Dimensions (mm)	Thickness (mm)	Pieces / pallet	m ² / pallet	kg/m ²	kg/pallet
VestaEco SCREED R	600x800	30	132	63,36	5,40	342
VestaEco SCREED R	600x800	40	100	48,00	7,20	346

TECHNICAL PARAMETERS

Parameter	Value
Density	approx. 180 kg/m ³
Thermal conductivity coefficient λ	0,048 W/(m ² *K)
Thermal capacity C	2100 J/(kg*K)
Diffusion resistance factor μ	5
Short-term water absorption	<1 kg/m ²
Compression strength	60 kPa
Fire classification	E
Components	lignocellulosic fibres, PMDI resin
Material manufactured in compliance with the norm	PN-EN 13171

VestaEco FILL

Universal insulation board used for filling.

Universal insulation board used for filling. Perfect for filling prefabricated elements of frame constructions as well as filling of expansion gaps. When used as filling of internal doors assures the lightness and greatly increases their acoustic parameters.



Advantages of the product:

- Healthy, eco-friendly material based on natural resources
- Provides perfect insulation against airbourne sounds
- Does not absorb water
- Eco-friendly production process, thanks to the use of innovative, patented DefibraTech 1.0 technology

Certificates



AVAILABLE DIMENSIONS

Product name	Dimensions (mm)	Thickness (mm)	Pieces / pallet	m ² / pallet	kg/m ²	kg/pallet
VestaEco FILL	600x800	30	132	63,36	5,40	342

TECHNICAL PARAMETERS

Parameter	Value
Density	approx. 180 kg/m ³
Thermal conductivity coefficient λ	0,048 W/(m·K)
Thermal capacity C	2100 J/(kg·K)
Diffusion resistance factor μ	5
Short-term water absorption	<1 kg/m ²
Compression strength	60 kPa
Fire classification	E
Components	lignocellulosic fibres, PMDI resin
Material manufactured in compliance with the norm	PN-EN 13171



VestaEco INTERNAL / INTERNAL M

Allows to insulate walls from the inside, which is especially important in thermal insulation of historical buildings, the facade of which cannot be altered due to heritage protection.

Allows to insulate walls from the inside, which is especially important in thermal insulation of historical buildings, the facade of which cannot be altered due to heritage protection. Also used as an insulation under rafters of steep roofs. Provides high thermal and acoustic insulation level. Available with one side jute mesh reinforcement (INTERNAL M) increasing resistance to impact.



Advantages of the product:

- 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
- Does not absorb water
- Eco-friendly production process, thanks to the use of innovative, patented DefibraTech 1.0 technology

AVAILABLE DIMENSIONS

Product name	Dimensions (mm)	Thickness (mm)	Pieces / pallet	m ² / pallet	kg/m ²	kg/pallet
VestaEco INTERNAL	400x1200	40	100	48,00	7,20	346
VestaEco INTERNAL	400x1200	60	66	31,68	10,80	342
VestaEco INTERNAL	400x1200	80	50	24,00	14,40	342
VestaEco INTERNAL	400x1200	120	32	15,36	21,60	332

Product name	Dimensions (mm)	Thickness (mm)	Pieces / pallet	m ² / pallet	kg/m ²	kg/pallet
VestaEco INTERNAL M	400x1200	40	100	48,00	7,20	346
VestaEco INTERNAL M	400x1200	60	66	31,68	10,80	342
VestaEco INTERNAL M	400x1200	80	50	24,00	14,40	342
VestaEco INTERNAL M	400x1200	120	32	15,36	21,60	332

TECHNICAL PARAMETERS

Parameter	Value
Density	approx. 180 kg/m ³
Thermal conductivity coefficient λ	0,048 W/(m ² K)
Thermal capacity C	2100 J/(kg ² K)
Diffusion resistance factor μ	5
Short-term water absorption	<1 kg/m ²
Compression strength	60 kPa
Fire classification	E
Components	lignocellulosic fibres, PMDI resin
Material manufactured in compliance with the norm	PN-EN 13171

VestaEco PROTECT

Perfect thermal and acoustic insulation of walls of houses with timber frame structure.

Perfect thermal and acoustic insulation of walls of houses with timber frame structure. High stiffness of the material allows for mounting without additional OSB boards. Provides solid base for mineral plasters or ventilated facades, guarantees easy mounting and high quality finish.



Advantages of the product:

- 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
- Does not absorb water
- Tongue and groove joint
- Eco-friendly production process, thanks to the use of innovative, patented DefibraTech 1.0 technology



AVAILABLE DIMENSIONS

Product name	Dimensions (mm)	Thickness (mm)	Pieces / pallet	m ² / pallet	kg/m ²	kg/pallet
VestaEco PROTECT	800x1200	40	50	48,00	7,20	346
VestaEco PROTECT	800x1200	60	33	31,68	10,80	342
VestaEco PROTECT	800x1200	80	25	24,00	14,40	346
VestaEco PROTECT	800x1200	120	17	16,32	21,60	353

TECHNICAL PARAMETERS

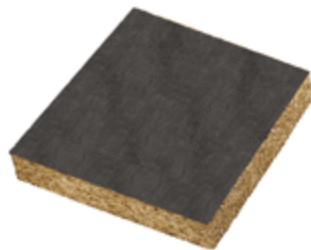
Parameter	Value
Density	approx. 180 kg/m ³
Thermal conductivity λ	0,048 W/(m·K)
Thermal capacity C	2100 J/(kg·K)
Diffusion resistance factor μ	5
Short-term water absorption	<1 kg/m ²
Compression strength	60 kPa
Fire classification	E
Components	lignocellulosic fibres, PMDI resin
Material manufactured in compliance with the norm	PN-EN 13171



VestaEco PROTECT W

Insulation sheathing board with airtight bitumen barrier.

Insulation sheathing board with airtight bitumen barrier. It protects houses with wooden frame construction against heat loss caused by wind and against atmospheric moisture inflow into the interior. Recommended especially in humid locations with a cold climate.



Advantages of the product:

- Healthy, eco-friendly material based on natural resources
- High stiffness ensures adequate sheathing of timber frame walls up to two floors
- Reduces thermal bridges and provides additional thermal protection of walls
- Eco-friendly production process, thanks to the use of innovative, patented DefibraTech 1.0 technology

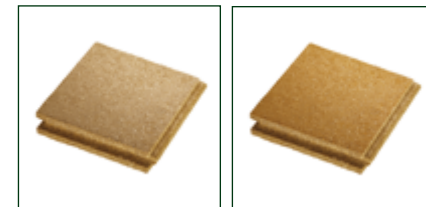
AVAILABLE DIMENSIONS

Product name	Dimensions (mm)	Thickness (mm)	Pieces / pallet	m ² / pallet	kg/m ²	kg/pallet
VestaEco PROTECT W	600x2400	30	32	46.08	8.40	387

Product name	Dimensions (mm)	Thickness (mm)	Pieces / pallet	m ² / pallet	kg/m ²	kg/pallet
VestaEco PROTECT W	1200x2400	30	16	46.08	8.40	387

TECHNICAL PARAMETERS

Parameter	Value
Density	approx. 280 kg/m ³
Thermal conductivity coefficient	0.055 W/(m·K)
Thermal capacity C	2100 J/(kg·K)
Sd coefficient	0.5 m
Short-term water absorption	<1 kg/m ²
Swelling after 24h	<6%
Bending strength	1.4 N/mm ²
Elasticity modulus E	140 N/mm ²
Fire classification	E
Components	lignocellulosic fibres, PMDI resin, bitumen
Material manufactured in compliance with the norm	PN-EN 13171



VestaEco ROOF / ROOF P

Water resistant, rigid, high density over-rafter insulation.

Water resistant, rigid, high density over-rafter insulation. Eliminates cold bridges at the interconnection of the rafter and roofing. It also provides acoustic insulation of impact sounds. Improves energy conservation and increases thermal inertia of construction frame buildings. Enables comfortable use of the attic, in particular during summer by protecting interiors against overheating. Recommended in passive construction to supplement the insulation between rafters. Available with laminated one side highly permeable membrane (ROOF P).



Advantages of the product:

- 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
- Perfect impact sounds insulation
- Does not absorb water
- Tongue and groove joint
- Eco-friendly production process, thanks to the use of innovative, patented DefibraTech 1.0 technology

AVAILABLE DIMENSIONS

Product name	Dimensions (mm)	Thickness (mm)	Pieces / pallet	m ² / pallet	kg/m ²	kg/pallet
VestaEco ROOF	600x2400	40	24	34,56	9,60	332
VestaEco ROOF	600x2400	60	16	23,04	14,40	332
VestaEco ROOF	600x2400	80	12	17,28	19,20	332
VestaEco ROOF	600x2400	120	8	11,52	28,80	332

Product name	Dimensions (mm)	Thickness (mm)	Pieces / pallet	m ² / pallet	kg/m ²	kg/pallet
VestaEco ROOF P	600x2400	40	24	34,56	9,60	332
VestaEco ROOF P	600x2400	60	16	23,04	14,40	332
VestaEco ROOF P	600x2400	80	12	17,28	19,20	332
VestaEco ROOF P	600x2400	120	8	11,52	28,80	332

TECHNICAL PARAMETERS

Parameter	Value
Density	approx. 240 kg/m ³
Thermal conductivity coefficient λ	0,050 W/(m ² *K)
Thermal capacity C	2100 J/(kg*K)
Diffusion resistance factor μ	5
Short-term water absorption	<1 kg/m ²
Compression strength	150 kPa
Fire classification	E
Components	lignocellulosic fibres, PMDI resin
Material manufactured in compliance with the norm	PN-EN 13171

VestaEco LDF

Low density board for general use.

Low density board for general use. It is characterized by low weight, good acoustic and thermal insulation performance. Thanks to its parameters, it is widely used in construction, furniture and packaging industries.



Advantages of the product:

- Healthy, eco-friendly, does not contain formaldehydes
- The low density makes it especially useful in the packaging industry for cushioning inserts
- Does not absorb water
- Eco-friendly production process, thanks to the use of innovative, patented DefibraTech 1.0 technology

Certificates



AVAILABLE DIMENSIONS

Product name	Dimensions (mm)	Thickness (mm)	Pieces / pallet	m ² / pallet	kg/m ²	kg/pallet
VestaEco LDF	1200x2400	30	16	46,08	8,40	387

TECHNICAL PARAMETERS

Parameter	Value
Density	approx. 280 kg/m ³
Thermal conductivity coefficient λ	0,055 W/(m ² *K)
Thermal capacity C	2100 J/(kg ² *K)
Short-term water absorption	<1 kg/m ²
Swelling after 24h	<6%
Bending strength	1,4 N/mm ²
Elasticity modulus E	140 N/mm ²
Fire classification	E
Components	lignocellulosic fibres, PMDI resin
Material manufactured in compliance with the norm	PN-EN 13171

VestaEco LIGHT MDF

General purpose board used to manufacture elements of furniture and interior furnishings.

General purpose board used to manufacture elements of furniture and interior furnishings. When used as filling of internal doors greatly increases their acoustic parameters. Perfect as a base for wood veneers, laminates and other finishes. Widely used as a result of lower density, which helps to reduce material consumption and transportation costs.



Advantages of the product:

- Material 40% lighter than standard MDF board, reduced material consumption during production and the costs of transport
- Healthy, eco-friendly, does not contain formaldehydes
- Does not absorb water
- Eco-friendly production process, thanks to the use of innovative, patented DefibraTech 1.0 technology



AVAILABLE DIMENSIONS

Product name	Dimensions (mm)	Thickness (mm)	Pieces / pallet	m ² / pallet	kg/m ²	kg/pallet
VestaEco LIGHT MDF	1200x2400	12	42	120,96	4,80	581
VestaEco LIGHT MDF	1200x2400	16	32	89,28	6,40	572
VestaEco LIGHT MDF	1200x2400	18	28	80,64	7,20	582
VestaEco LIGHT MDF	1200x2400	20	26	74,88	7,60	569
VestaEco LIGHT MDF	1200x2400	22	23	66,24	8,80	563
VestaEco LIGHT MDF	1200x2400	28	18	61,84	11,20	582
VestaEco LIGHT MDF	1200x2400	32	15	45,20	12,80	583
VestaEco LIGHT MDF	1200x2400	34	14	40,32	13,60	548
VestaEco LIGHT MDF	1200x2400	38	13	37,44	15,20	569
VestaEco LIGHT MDF	1200x2400	44	12	31,88	17,60	558

TECHNICAL PARAMETERS

Parameter	Value
Density	approx. 400 kg/m ³
Swelling after 24h	<6%
Tensile strength	0.15 N/mm ²
Bending strength	7 N/mm ²
Pull-out strength of polyaxial screws	400 N
Elasticity modulus E	600 N/mm ²
Components	lignocellulosic fibres, PMDI resin
Material manufactured in compliance with the norm	PN-EN 622-5

VestaEco CELL

Loose, blow-in cellulose for insulation of walls, roofs and floors.

Loose, blow-in cellulose for insulation of walls, roofs and floors. VestaEco CELL is used as thermal insulation of roofs, ventilated flat roofs, load-bearing walls and partitions, as well as in buildings with elaborate architecture or inaccessible spaces such as industrial halls or sacral buildings. VestaEco CELL can be applied by blowing dry fibres or spraying fibres mixed with water-based binder.



Advantages of the product:

- Healthy, eco-friendly material based on natural resources
- Protection against cold in winter and heat in summer thanks to high heat capacity
- Excellent reduction of thermal bridges
- Vapour-permeable material, regulates the microclimate of interiors
- Convenient packaging - 14 kg bags



AVAILABLE DIMENSIONS

Product name	Dimensions (mm)	Thickness (mm)	Pieces / pallet	m ² / pallet	kg/m ²	kg/pallet
VestaEco CELL	760x380	300	21			294
VestaEco CELL	760x380	300	24			336

TECHNICAL PARAMETERS

Parameter	Value
Density	approx. 30-60 kg/m ³
Thermal conductivity coefficient λ	0,039 W/(m ² *K)
Thermal capacity C	1920 J/(kg*K)
Diffusion resistance factor μ	2
Fire classification	B-s1,d0
Components	cellulose fibers, aluminum hydroxide, boric acid
Material manufactured in compliance with the norm	PN-EN 15101
Settlement	<1%
Resistance to mould fungi	BA 0 no growth apparent under the microscope

VestaEco FIBRA

VestaEco FIBRA is a loose thermal insulation made of annual plant fibers.

VestaEco FIBRA is a loose thermal insulation made of annual plant fibers. It is used for insulation of roofs, ventilated attics as well as timber frame walls. High heat capacity improves thermal comfort of the interiors both in winter and summer. The product is protected with fire retardants. The structure of the fibers guarantees no settlement during application with the blow-in method.



Advantages of the product:

- Healthy, eco-friendly material based on natural resources
- Protection against cold in winter and heat in summer thanks to high heat capacity
- Excellent reduction of thermal bridges
- Vapour-permeable material, regulates the microclimate of interiors
- Convenient packaging: 12 kg bags



AVAILABLE DIMENSIONS

Product name	Dimensions (mm)	Thickness (mm)	Pieces / pallet	m ² / pallet	kg/m ²	kg/pallet
VestaEco FIBRA	760x380	300	21			252
VestaEco FIBRA	760x380	300	24			288

TECHNICAL PARAMETERS

Parameter	Value
Density	approx. 45-70 kg/m ³
Thermal conductivity coefficient λ	0,042 W/(m·K)
Thermal capacity C	2100 J/(kg·K)
Diffusion resistance factor μ	2
Fire classification	E
Components	lignocellulosic fibres, ammonium polyphosphate
Material manufactured in compliance with the norm	ETA
Settlement	<1%

TAJFUN UNI

Blowing machine dedicated to VestaEco FIBRA and VestaEco CELL insulation.

Blowing machine dedicated to VestaEco FIBRA and VestaEco CELL insulation. TAJFUN UNI is a machine of high performance, dedicated to the pneumatic transport of VestaEco FIBRA and VestaEco CELL loose-fill materials. Specially adjusted operating parameters make it ideal for both large facilities, because of the possibility of transporting the material even at high levels and long distance, as well as smaller ones such as family houses or renovations. Easy to use and transport, and low failure mean that TAJFUN UNI is the most commonly used machine by many contractors.



Advantages of the product:

- High-performance
- Versatility
- Simple and easy use
- Mobility
- Precise and smooth control of the fan
- Easy to clean and maintain on the construction site
- Silent operation
- Remote control



TECHNICAL PARAMETERS

Parameter	Value
Performance	60 m ³ lub 750 kg/godz.
Weight	226 kg
Blower motor	2800 W
Power	1500 W
Power supply	230 V / 50 Hz, 16 A

VestaEco V / VT

An environmentally friendly vapor barrier based on cardboard.

An environmentally friendly vapor barrier based on cardboard. It is a very durable, laminated, four-layer vapor barrier layer reinforced with polyester mesh. It provides a healthy indoor environment by maintaining an optimum moisture content. It also protects thermal insulation and structural elements against excessive water vapor. VestaEco V is an ideal solution for eco-friendly house construction with the use of natural insulation materials. Due to its increased mechanical properties, it is commonly used in combination with VestaEco CELL and FIBRA blow-in insulation. Easy assembly and special VT tape for taping joints ensure effective operation.



Advantages of the product:

- Provides a healthy indoor environment
- Stops water vapor
- Environmentally friendly material
- Robust, recommended for VestaEco CELL and FIBRA blow-in insulation
- Easy installation ensures effective operation



AVAILABLE DIMENSIONS

Product name	Dimensions	Unit	Package	Quantity
VestaEco V	125 cm x 48 m	1 m ²	roll	60 m ²
VestaEco VT	7,2 cm x 55 m	1 piece	roll	1 piece

TECHNICAL PARAMETERS

Parameter	Value
Components	multilayer cardboard, polyester
Weight	221 g/m ²
Thickness	0,3 mm
Max. tensile force	17,6 kN/m
Water vapor transmission rate	38 g/m ² , 24h
Sd coefficient	0,70 m
Air resistance	57 s/100 ml

VestaEco M

Natural jute mesh.

Natural jute mesh for reinforcement of mineral interior and exterior renderings with the use of VestaEco boards. The VestaEco M mesh provides a solid reinforcement for ETICS systems. It is made of high quality jute fibers impregnated with polyvinyl acetate, which ensures an easy installation and durability of the rendering.



AVAILABLE DIMENSIONS

Product name	Dimensions	Unit	Package	Quantity
VestaEco M	100 cm x 50 m	1 m ²	roll	50 m ²

TECHNICAL PARAMETERS

Parameter	Value
Components	jute fibre, polyvinyl acetate
Weight	150 g/m ²
Mesh size	5 mm

Advantages of the product:

- Natural origin
- Provides solid reinforcement of thermal insulation systems
- Stiffness and easy installation thanks to impregnation

	Insulation of walls	Insulation of roofs	Insulation of floors	Industry
VestaEco WALL / WALL S	•			
VestaEco FLAT / FLAT S		•	•	
VestaEco STRAWBLOCK / STRAWBLOCK I47/I72	•			
VestaEco SCREED / SCREED R			•	
VestaEco FILL	•		•	•
VestaEco INTERNAL / INTERNAL M	•			
VestaEco PROTECT / PROTECT W	•			
VestaEco ROOF / ROOF P		•		
VestaEco LDF	•			•
VestaEco LIGHT MDF				•
VestaEco CELL	•	•	•	
VestaEco FIBRA	•	•	•	
TAJFUN UNI	•	•	•	
VestaEco M	•			
VestaEco V / VT	•	•		




SPECIFICATION of Defibra Tech 1.0 Technology

The use of agricultural biomass to manufacture dry-formed fibreboards is the key advantage of DefibraTech 1.0 technology. Low density fibreboards can be used as an insulation, i.e. external thermal insulation of various premises protecting them, among others, against changes caused by atmospheric conditions. Specific properties of the material allow it to protect buildings against overheating during summer and excessive cooling during winter. Moreover, the component material of the fibreboard is capable of effective insulating against noises, which means that the penetration of high-pitched noises from external sources is greatly reduced.

The use of lignocellulosic fibres obtained from annual crops along with processed cellulose fibres increases the cohesion of the fibrous pulp, which in turn has a positive impact on the physical and mechanical properties of the boards. Low temperature hydrothermal processing of the lignocellulosic and cellulose fibres is a far less energy consuming process than defibering wood or minerals. It means that the production process uses less energy and the manufacturing costs are lower.

The innovative technology DefibraTech 1.0 is protected by an European patent (EPO), to which VestaEco has exclusive right.



vestaeco.COM

VestaEco COMPOSITES
Sp. z o. o.

ul. Domaniewska 37 lok. 2.43
02-672 Warszawa
Poland

T: +48 23 697 50 84
F: +48 23 697 69 65

Email: info@vestaeco.pl
www.vestaeco.com

Partner: