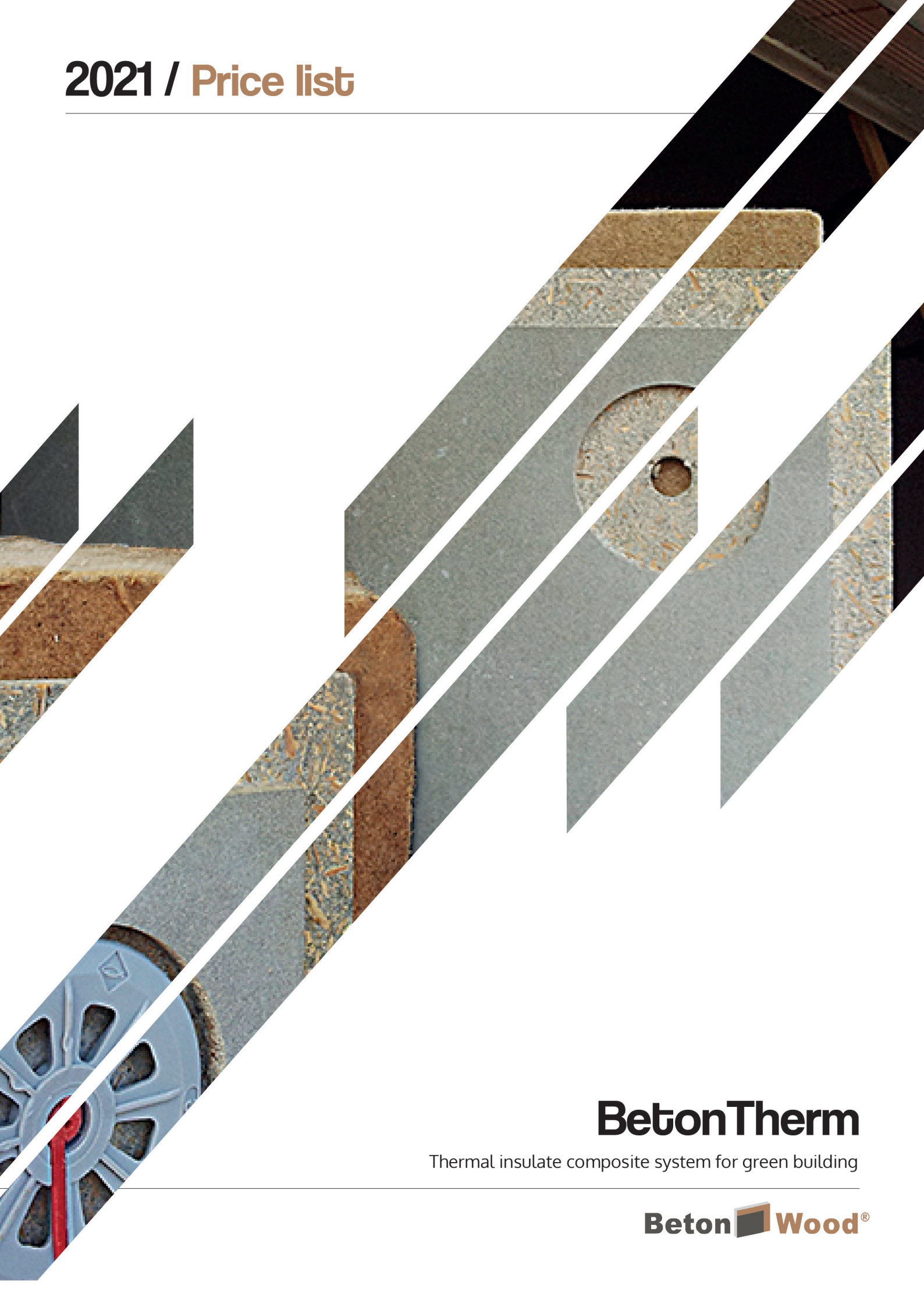


2021 / Price list



BetonTherm

Thermal insulate composite system for green building

Beton  Wood[®]

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Thermal insulation system / BetonTherm

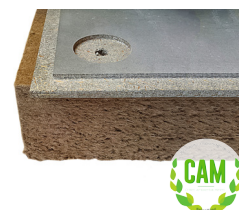
Coupled panels for reinforced thermal insulation systems with wood fiber

BetonTherm Fiber

REINFORCED THERMAL INSULATION SYSTEM IN WOOD FIBER AND CEMENT BONDED PARTICLE BOARD

BetonTherm Fiber is excellent for multiple uses in construction:

- cement bonded particle board's fire resistance class A2;
- high mechanical resistance (resistant to vandalism), anti-burglary;
- reduces a wide range of acoustic frequencies, even very high ones;
- allows you to fix the panels without gluing them;
- usable as thermal insulation for floors, soffits.



Wood fiber panel | Density 160 kg/m³ | Declared thermal conductivity λ_D [W/(m*k)] 0,039 | Specific heat c 2.100 J/kg K

Cement bonded particle board | Density 1350 kg/m³ | Declared thermal conductivity λ_D [W/(m*k)] 0,26 | Specific heat c 1.880 J/kg K

Rabbeted edge panels

Code	Dimensions	Thickness	Mass m ²	Kg/Panel	Kg/Pallet	Panel/Pallet	m ² /Pallet	Price €/m ²
BTHF2280I200500	1.200 x 500 mm	22 + 80 mm	42,50	25,50	561,00	22	13,20	45,48 €
BTHF22100I200500	1.200 x 500 mm	22 + 100 mm	45,70	27,42	493,56	18	10,80	49,22 €
BTHF22120I200500	1.200 x 500 mm	22 + 120 mm	48,90	29,34	410,76	14	8,40	52,96 €
BTHF22140I200500	1.200 x 500 mm	22 + 140 mm	52,10	31,26	375,12	12	7,20	56,70 €
BTHF22160I200500	1.200 x 500 mm	22 + 160 mm	55,30	33,18	398,16	12	7,20	60,44 €

BetonTherm Fiber base

REINFORCED THERMAL INSULATION SYSTEM IN WOOD FIBER AND CEMENT BONDED PARTICLE BOARD

BetonTherm Fiber base is:

- cement bonded particle board's fire resistance class A2;
- high mechanical resistance (resistant to vandalism), anti-burglary;
- reduces a wide range of acoustic frequencies, even very high ones;
- allows you to fix the panels without gluing them;
- usable as thermal insulation for floors, soffits.



Wood fiber panel | Density 250 kg/m³ | Declared thermal conductivity λ_D [W/(m*k)] 0,048 | Specific heat c 2.100 J/kg K

Cement bonded particle board | Density 1350 kg/m³ | Declared thermal conductivity λ_D [W/(m*k)] 0,26 | Specific heat c 1.880 J/kg K

Rabbeted edge panels

Code	Dimensions	Thickness	Mass m ²	Kg/Panel	Kg/Pallet	Panel/Pallet	m ² /Pallet	Price €/m ²
BTHFB2280I200500	1.200 x 500 mm	22 + 80 mm	51,90	31,14	685,08	22	13,20	50,32 €
BTHFB22100I200500	1.200 x 500 mm	22 + 100 mm	56,90	34,14	614,52	18	10,80	54,36 €
BTHFB22120I200500	1.200 x 500 mm	22 + 120 mm	61,90	37,14	519,96	14	8,40	59,55 €
BTHFB22140I200500	1.200 x 500 mm	22 + 140 mm	66,90	40,14	481,68	12	7,20	65,11 €
BTHFB22160I200500	1.200 x 500 mm	22 + 160 mm	71,90	43,14	517,68	12	7,20	69,82 €

BetonTherm Fiber dry

REINFORCED THERMAL INSULATION SYSTEM IN WOOD FIBER AND CEMENT BONDED PARTICLE BOARD

BetonTherm Fiber dry is:

- cement bonded particle board's fire resistance class A2;
- high mechanical resistance (resistant to vandalism), anti-burglary;
- reduces a wide range of acoustic frequencies, even very high ones;
- allows you to fix the panels without gluing them;
- usable as thermal insulation for floors, soffits.



Wood fiber panel | Density 110 kg/m³ | Declared thermal conductivity λ_D [W/(m*k)] 0,037 | Specific heat c 2.100 J/kg K

Cement bonded particle board | Density 1350 kg/m³ | Declared thermal conductivity λ_D [W/(m*k)] 0,26 | Specific heat c 1.880 J/kg K

Rabbeted edge panels

Code	Dimensions	Thickness	Mass m ²	Kg/Panel	Kg/Pallet	Panel/Pallet	m ² /Pallet	Price €/m ²
BTHFD2280I200500	1.200 x 500 mm	22 + 80 mm	40,70	24,42	537,24	22	13,20	47,24 €
BTHFD22100I200500	1.200 x 500 mm	22 + 100 mm	42,90	25,74	463,32	18	10,80	49,85 €
BTHFD22120I200500	1.200 x 500 mm	22 + 120 mm	45,10	27,06	378,84	14	8,40	53,40 €
BTHFD22140I200500	1.200 x 500 mm	22 + 140 mm	47,30	28,38	340,56	12	7,20	57,26 €
BTHFD22160I200500	1.200 x 500 mm	22 + 160 mm	49,50	29,70	356,40	12	7,20	64,47 €

Thermal insulation system / BetonTherm

Coupled panels for reinforced thermal insulation systems with blond cork

BetonTherm Cork

REINFORCED THERMAL INSULATION SYSTEM IN BLOND CORK AND CEMENT BONDED PARTICLE BOARD

BetonTherm Cork is a medium-mass thermal insulation system per m²:

- suitable for humid environments;
- cement bonded particle board's fire resistance class A2;
- high mechanical resistance (resistant to vandalism), anti-burglary;
- reduces a wide range of acoustic frequencies, even very high ones;
- allows you to fix the panels without gluing them.



Cork panel | Density 150÷160 kg/m³ | Declared thermal conductivity λ_D [W/(m*k)] 0,041 | Specific heat c 1.674 J/kg K

Cement bonded particle board | Density 1350 kg/m³ | Declared thermal conductivity λ_D [W/(m*k)] 0,26 | Specific heat c 1.880 J/kg K

Rabbeted edge panels

Code	Dimensions	Thickness	Mass m ²	Kg/Panel	Kg/Pallet	Panel/Pallet	m ² /Pallet	Price €/m ²
BTHC22401000500	1.000 x 500 mm	22 + 40 mm	36,10	18,05	736,44	34	20,40	45,56 €
BTHC22601000500	1.000 x 500 mm	22 + 60 mm	39,30	19,65	613,08	26	15,60	53,72 €
BTHC22801000500	1.000 x 500 mm	22 + 80 mm	42,50	21,25	561,00	22	13,20	61,71 €
BTHC221001000500	1.000 x 500 mm	22 + 100 mm	45,70	22,85	493,56	18	10,80	70,72 €

Thermal insulation system / BetonTherm

Coupled panels for reinforced thermal insulation systems with polystyrene

BetonTherm Styr EPS

REINFORCED THERMAL INSULATION SYSTEM IN EXPANDED POLYSTYRENE AND CEMENT BONDED PARTICLE BOARD

BetonTherm Styr EPS is a medium-mass thermal insulation system per m²:

- suitable for humid environments;
- excellent for prisons, penal institutions and nursing homes;
- cement bonded particle board's fire resistance class A2;
- high mechanical resistance (resistant to vandalism), anti-burglary;
- reduces a wide range of acoustic frequencies, even very high ones;
- allows you to fix the panels without gluing them.



Expanded polystyrene panel | Density 15÷35 kg/m³ | Declared thermal conductivity λ_D [W/(m*k)] 0,026÷0,036 | Specific heat c 1.200 J/kg K

Cement bonded particle board | Density 1350 kg/m³ | Declared thermal conductivity λ_D [W/(m*k)] 0,26 | Specific heat c 1.880 J/kg K

Rabbeted edge panels

Code	Dimensions	Thickness	Mass m ²	Kg/Panel	Kg/Pallet	Panel/Pallet	m ² /Pallet	Price €/m ²
BTHSTY22401200500	1.200 x 500 mm	22 + 40 mm	30,70	18,42	626,28	34	20,40	31,62 €
BTHSTY22601200500	1.200 x 500 mm	22 + 60 mm	31,20	18,72	486,72	26	15,60	35,02 €
BTHSTY22801200500	1.200 x 500 mm	22 + 80 mm	31,70	19,02	418,44	22	13,20	40,12 €
BTHSTY221001200500	1.200 x 500 mm	22 + 100 mm	32,20	19,32	347,76	18	10,80	45,22 €
BTHSTY221201200500	1.200 x 500 mm	22 + 120 mm	32,70	19,62	274,68	14	8,40	48,62 €
BTHSTY221401200500	1.200 x 500 mm	22 + 140 mm	33,20	19,92	239,04	12	7,20	53,72 €
BTHSTY221601200500	1.200 x 500 mm	22 + 160 mm	33,70	20,22	242,62	12	7,20	58,82 €

Thermal insulation system / BetonTherm

Coupled panels for reinforced thermal insulation systems with polystyrene

BetonTherm Styr XPS

REINFORCED THERMAL INSULATION SYSTEM IN EXTRUDED POLYSTYRENE AND CEMENT BONDED PARTICLE BOARD

BetonTherm Styr XPS is a medium-mass thermal insulation system per m²:

- suitable for humid environments;
- excellent for prisons, penal institutions and nursing homes;
- cement bonded particle board's fire resistance class A2;
- high mechanical resistance (resistant to vandalism), anti-burglary;
- reduces a wide range of acoustic frequencies, even very high ones;
- allows you to fix the panels without gluing them.



Extruded polystyrene panel | Density 15÷35 kg/m³ | Declared thermal conductivity λ_D [W/(m*k)] 0,026÷0,036 | Specific heat c 1.450 J/kg K

Cement bonded particle board | Density 1350 kg/m³ | Declared thermal conductivity λ_D [W/(m*k)] 0,26 | Specific heat c 1.880 J/kg K

Rabbeted edge panels

Code	Dimensions	Thickness	Mass m ²	Kg/Pannello	Kg/Pallet	Panel/Pallet	m ² /Pallet	Price €/m ²
BTHSTX22401200500	1.200 x 500 mm	22 + 40 mm	30,70	18,42	626,28	34	20,40	38,42 €
BTHSTX22601200500	1.200 x 500 mm	22 + 60 mm	31,20	18,72	486,72	26	15,60	44,54 €
BTHSTX22801200500	1.200 x 500 mm	22 + 80 mm	31,70	19,02	418,44	22	13,20	51,34 €
BTHSTX221001200500	1.200 x 500 mm	22 + 100 mm	32,20	19,32	347,76	18	10,80	57,57 €
BTHSTX221201200500	1.200 x 500 mm	22 + 120 mm	32,70	19,62	274,68	14	8,40	59,65 €
BTHSTX221401200500	1.200 x 500 mm	22 + 140 mm	33,20	19,92	239,04	12	7,20	64,01 €
BTHSTX221601200500	1.200 x 500 mm	22 + 160 mm	33,70	20,22	242,62	12	7,20	68,50 €

BetonTherm Strong

SISTEMA A CAPPOTTO TERMICO CORAZZATO IN CEMENTOLEGNO E POLISTIRENE STRONG XPS

BetonTherm Strong è un cappotto termico a massa medio-bassa a m²:

- adatto ad ambienti umidi;
- ottimo per carceri, istituti di pena e RSA;
- lastra in cementolegno con resistenza al fuoco (classe A2) e polistirene con reazione al fuoco Euroclasse E;
- alta resistenza meccanica (resistente ad atti vandalici), anti-effrazione;
- abbatte una vasta gamma di frequenze acustiche, anche molto elevate;
- consente di fissare i pannelli senza incollarli.



Pannello in polistirene densità 40 kg/m³ | Conduttività termica dichiarata λ_D [W/(m*k)] 0,036 | Calore specifico c 1.450 J/kg K

Pannello in cementolegno densità 1350 kg/m³ | Conduttività termica dichiarata λ_D [W/(m*k)] 0,26 | Calore specifico c 1.880 J/kg K

Pannelli con bordo battentato

Codice	Formato	Spessore	Massa m ²	Peso/Pannello	Peso/Pallet	Pann./Pallet	m ² /Pallet	Prezzo €/m ²
BTHSTG22201250600	1.250 x 600 mm	22 + 20 mm	30,50	22,88	1276,80	56	33,60	*
BTHSTG22401250600	1.250 x 600 mm	22 + 40 mm	31,30	23,48	892,24	38	22,80	*
BTHSTG22601250600	1.250 x 600 mm	22 + 60 mm	32,10	24,08	722,40	30	18,00	*
BTHSTG22801250600	1.250 x 600 mm	22 + 80 mm	32,90	24,68	592,32	24	14,40	*
BTHSTG221001250600	1.250 x 600 mm	22 + 100 mm	33,70	25,28	505,60	20	12,00	*
BTHSTG221201250600	1.250 x 600 mm	22 + 120 mm	34,50	25,88	414,08	16	9,60	*
BTHSTG221401250600	1.250 x 600 mm	22 + 140 mm	35,30	26,48	370,72	14	8,40	*
BTHSTX221601250600	1.250 x 600 mm	22 + 160 mm	36,10	27,08	324,96	12	7,20	*

*production on request

Accessories / Accessories for Betontherm systems

Accessories for installing Betontherm reinforced thermal insulation composite systems

BetonNet Glass 360

ALKALI-RESISTANT AND ANTI-CRACKING FIBERGLASS MESH FOR REINFORCED INSULATION SYSTEMS

The network complies with ETAG004 Guideline for ETICS (External Thermal Insulation Composite System), and is certified by IFBT GmbH-MFPA Leipzig GmbH.

- Internal and external reinforced thermal insulation system.
- Very high anti-cracking tensile strength.
- Suitable for all **BetonTherm** products.



Fiberglass net | Density 360 g/m³

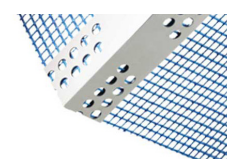
Code	Delivery	Rolls/Pallet	Price €/ml
BNG360	Rolls of 1 m x 50 m	18 rolls (900 m ²)	4,50 €
BNG370	Rolls of 1,5 m x 50 m	20 rolls (1500 m ²)	4,50 €

BetonNet Corner Alu

ALUMINUM CORNER WITH FIBERGLASS NET

Net corner in fiberglass 165 gr / sqm certified ETAG004 internally reinforced by an aluminum profile forming a 90 ° angle.

- Used for reinforcement of edges, corners and sharp edges;
- Resistant to creep;
- Resistant to alkali from UV rays.



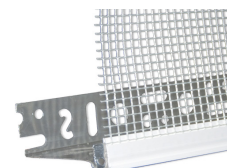
Code	Dimensions	Lenght	Packaging	Price €/ml
BCORN812	8 x 12 cm	2,5 m	50 units (125 m) / pack	1,15 €
BCORN1015	10 x 15 cm	2,5 m	50 units (125 m) / pack	1,15 €

BetonNet DripStarter PVC

PVC PROFILE WITH HEAT-SEALED GLASS FIBER NET 165 GR / SQM CERTIFIED ETAG004

Used as a sealed connection between the starting base and the armed shave. The shape of the PVC profile allows the interruption of the water flow at the departure base.

- Resistant to creep;
- Resistant to alkali from UV rays;
- Prevents the formation of cracks in the zolocation area.



Code	Dimension	Lenght	Packaging	Price €/ml
BDSTART	12,5 cm	2,5 m	25 pieces / 62,5m	3,35 €

Beton Starter Alu

NON-DEFORMABLE ALUMINUM PROFILE WITH 0.8 / 1.2 MM THICKNESS AND DRAINER

Used for the lower sealing of the external insulation system. The particular lateral drilling of the profile allows it to be quickly anchored to the support.

- recommended to be used together with the **Drip Starter PVC** profile, for greater moisture protection, greater reinforcement between metal sheets and shave, reducing the risk of cracks.



Code	Width	Lenght	Packaging	Price €/ml
BSTART3	3 cm	2,5 m	10 pieces / 25m	3,36 €
BSTART4	4 cm	2,5 m	10 pieces / 25m	3,61 €
BSTART5	5 cm	2,5 m	10 pieces / 25m	3,85 €
BSTART6	6 cm	2,5 m	10 pieces / 25m	4,27 €
BSTART7	7 cm	2,5 m	10 pieces / 25m	4,90 €
BSTART8	8 cm	2,5 m	10 pieces / 25m	5,35 €
BSTART10	10 cm	2,5 m	10 pieces / 25m	6,20 €
BSTART12	12 cm	2,5 m	10 pieces / 25m	8,70 €
BSTART14	14 cm	2,5 m	10 pieces / 25m	11,35 €
BSTART16	16 cm	2,5 m	10 pieces / 25m	14,10 €
BSTART18	18 cm	2,5 m	10 pieces / 25m	16,15 €
BSTART20	20 cm	2,5 m	10 pieces / 25m	17,50 €

Accessories / Accessories for Betontherm systems

Accessories for installing Betontherm reinforced thermal insulation composite systems

BetonFix FIF-CS8

SCREW ANCHOR FOR EXTERNAL AND INTERNAL THERMAL INSULATION COMPOSITE MATERIALS (ETICS)

- Thermal transmission $\leq 0.001 \text{ W / K}$;
- PA expansion plug and PP body;
- Head diameter 60 mm according to ETAG 014;
- Approved for material categories A, B, C, D;
- The expansion of the anchor occurs by screwing.



Screw anchor to fix Betontherm thermal insulation systems on masonry

Type	Fixable length	Units/box	Max. fixable thickness	Price €/units
FIF-CS8/60	108 mm	100	60-70 mm	0,28 €
FIF-CS8/80	120 mm	100	90 mm	0,30 €
FIF-CS8/100	148 mm	100	110 mm	0,32 €
FIF-CS8/120	168 mm	100	130 mm	0,35 €
FIF-CS8/140	188 mm	100	150 mm	0,38 €
FIF-CS8/160	208 mm	100	170 mm	0,43 €
FIF-CS8/180	228 mm	100	190 mm	0,49 €

BetonFix Termoz 6H

SCREW ANCHOR FOR EXTERNAL AND INTERNAL THERMAL INSULATION COMPOSITE MATERIALS (ETICS)

- Screw anchoring for flush or recessed installation;
- EPS cap for flush laying included in the package;
- 60 mm diameter cap in EPS and mineral wool for concealed laying available on request (not included in the package);
- For systems with insulation thicknesses up to 300 mm.



Screw anchor to fix Betontherm thermal insulation systems on wooden supports

Type	Fixable length	Units/box	Max. fixable thickness	Price €/Unit
Termoz 6H/60	60 mm	100	- (30) mm	0,39 €
Termoz 6H/80	80 mm	100	50 (65) mm	0,42 €
Termoz 6H/100	100 mm	100	70 (85) mm	0,45 €
Termoz 6H/120	120 mm	100	90 (105) mm	0,50 €
Termoz 6H/140	140 mm	100	110 (125) mm	0,55 €
Termoz 6H/160	160 mm	100	130 (145) mm	0,59 €
Termoz 6H/180	180 mm	100	150 (165) mm	0,67 €
Termoz 6H/200	200 mm	100	170 (185) mm	0,76 €
Termoz 6H/220	220 mm	100	190 (205) mm	0,95 €

(in flush-to-surface installation)

Beton Strip

FIBERGLASS ADHESIVE TAPE USED AS A JOINT COVER NEAR THE JUNCTION BETWEEN PANELS

- Used to avoid the appearance of superficial cracks on the joints of the panels, completing the expansion joint.
- Internal and external reinforced thermal insulation system.
 - Suitable for all **BetonTherm** products.



Code	Delivery	Packaging	Price €/ml
BSTRIP520	Rolls of 5 cm x 20 m	60 rolls/box	0,18 €
BSTRIP545	Rolls of 5 cm x 45 m	54 rolls/box	0,16 €
BSTRIP590	Rolls of 5 cm x 90 m	24 rolls/box	0,13 €

Minimum order: 10 rolls

Accessories / Accessories for Betontherm systems

Accessories for installing Betontherm reinforced thermal insulation composite systems

Mapetherm AR1

ONE-COMPONENT
CEMENTITIOUS MORTAR

One-component cementitious mortar for bonding and smoothing heat-insulating panels and for external and internal thermal insulation systems.

- Suitable for all **BetonTherm** products.



Code	Packaging	Amount/Pallet	Consumption	Color	Price €/kg
MTARI	25 kg/pack	1 Pallet 900 kg = 36 packs	approx. 4,0 - 6,0kg/m ² a seconda della tecnica di incollaggio approx. 1,35 - 1,50kg/m ² per mm di spessore come rasatura (consigliato: circa 4 mm in 2 mani)	gray	0,87 €

Mapelastic

TWO-COMPONENT
CEMENTITIOUS MORTAR

Two-component cementitious mortar, elastic up to -20 ° C for joints dilators, used for waterproofing and protected concrete structures, plasters and cementitious screeds.

- Mixture ratio: comp. A : comp. B = 3:1.
- Minimum application thickness: 2 mm in two coats.



Two-component cementitious mortar | Density 1100 kg/m³

N.B: component B can also be sold separately

Code	Packaging	Amount/Pallet	Consumption	Price €/kg
MELASTIC	32 kg (8kg drum + 24kg bag)	1 pallet 1600 kg = 50 pack (50 drums of 8kg /each + 50 bags of 24kg /each)	approx. 1,7 kg/m ² per mm of thickness (by layer) approx. 2,2 kg/m ² per mm of thickness (by sprinkle)	2,92 €

Mapei Primer G

SYNTHETIC RESINS PRIMER

Primer composed by synthetic resins in aqueous dispersion with very low content of volatile organic compounds (VOC). Used to regulate the surface's absorption process and to improve the adhesion of smoothing compounds on cement bonded surfaces.

- Dilution ratio: from 1: 1 to 1: 3 with water according to the absorption of the substrate.
- Application by brush or roller.



Code	Packaging	Amount/Pallet	Consumption	Price €/kg
MPRIMG	25 kg/drum	1 Pallet 660 kg = 4 drums	approx. 0,1-0,2 kg/m ² according to use	
MPRIMG	10 kg/drum	1 Pallet 660 kg = 10 drums	approx. 0,1-0,2 kg/m ² according to use	
MPRIMG	5 kg/drum	1 Pallet 660 kg = 20 drums	approx. 0,1-0,2 kg/m ² according to use	

BetonWood srl
Dry construction systems
for green building

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Beton  **Wood**[®]

Certificates

BetonTherm systems for green building are CE certified according to EN13168 standards.



CE



The indications and requirements indicated above are based on our current technical and scientific knowledge, which in any case are to be considered purely indicative, as the conditions of use are not on our control. Therefore, the buyer must in any case verify the suitability of the product to the specific case, assuming all responsibility for use, relieving BetonWood from any consequent damage claim.

For more information please contact our sales department at info@betonwood.com

Terms and Conditions of sale: available on www.betonwood.com