

Beton  Wood®

PRICE LIST RADIANT PANELS 2019

BetonRadiant radiant heating systems for green building

LEGEND / Our products for greenbuilding

1. Radiant heating floor systems with wood fiber insulating panels 3

- Radiant floors systems **BETONRADIANT** 3
- Radiant floors systems **BETONRADIANT FIBER** 3

2. Radiant heating floor systems with cork insulating panels 4

- Radiant floors systems **BETONRADIANT CORK** 4

3. Radiant heating floor systems with polystyrene insulating panels 5

- Radiant floors systems **BETONRADIANT STYR EPS** 5
- Radiant floors systems **BETONRADIANT STYR XPS** 5

4. Credits 5

Radiant systems / Betonradiant panels

Radiant heating systems for floors and walls Betonradiant

BetonRadiant

Cement bonded particle boards for radiant heating systems

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

Cement bonded particle board for radiant heating floors BetonRadiant type A/B.

The BetonRadiant radiant floor is a modular system, suitable for any finishing, provides excellent ease of installation.

- A2 fire resistance class (cement bonded particle board);
- insects and fungi are not able to attack or damage it;
- cement bonded particle board compressive strength 9.000,00 KPa.



Code	Dimension	Thickness	Edges	Weight/Pallet	Panels/Pallet(<1000kg)	Price €/m ²
BRT1818850500	850 x 500 mm	18 + 18 mm	sharp	440,0	25	36,79 €
BRT18181000500	1.000 x 500 mm	18 + 18 mm	sharp	520,0	25	38,84 €
BRT20201200500	1.200 x 500 mm	20 + 20 mm	sharp	690,0	25	43,12 €

BetonRadiant fiber

Wood fiber and cement bonded particle boards for radiant floor systems

Wood fiber panel density 250 kg/m³ | Declared thermal conductivity λ_b [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_b [W/(m*k)] 0,26 | Specific heat c 1.880 J/kg K

Wood fiber panel and cement bonded particle board for radiant heating floors BetonRadiant Fiber type A/B.

The BetonRadiant fiber radiant floor is a modular system, suitable for any finishing, provides excellent ease of installation.

- A2 fire resistance class (cement bonded particle board);
- insects and fungi are not able to attack or damage it;
- cement bonded particle board compressive strength 9.000,00 KPa;
- wood fiber panels compressive strength 150,00 KPa.



Code	Dimension	Thickness	Edges	Weight/Pallet	Panels/Pallet(<1000kg)	Price €/m ²
BRF36201000500	1.000 x 500 mm	(18 + 18) + 20 mm	sharp	260,0	25	43,06 €
BRF36401200500	1.200 x 500 mm	(18 + 18) + 40 mm	sharp	250,0	25	45,43 €
BRF40201200500	1.200 x 500 mm	(20 + 20) + 20 mm	sharp	690,0	20	50,10 €
BRF40401200500	1.200 x 500 mm	(20 + 20) + 40 mm	sharp	700,0	20	52,64 €

■ cement bonded particle board thickness ■ wood fiber thickness

Radiant systems / Betonradiant cork panels

Radiant heating systems for floors and walls Betonradiant

BetonRadiant cork

Cork and cement bonded particle boards for radiant floor systems

Cork panel density 150÷160 kg/m³ | Declared thermal conductivity λ_p [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_p [W/(m*k)] 0,26| Specific heat c 1.880 J/kg K

Cork panel and cement bonded particle board for radiant heating floors BetonRadiant Cork type A/B.

The BetonRadiant Cork radiant floor is a modular system, suitable for any finishing, provides excellent ease of installation.

- A2 fire resistance class (cement bonded particle board);
- insects and fungi are not able to attack or damage it;
- cement bonded particle board compressive strength 9.000,00 KPa;
- excellent for humid environments.



Code	Dimension	Thickness	Edges	Weight/Pallet	Panels/Pallet(<1000kg)	Price €/m ²
BRC3631000500	1.000 x 500 mm	(18 + 18) + 3 mm	sharp	530,0	25	48,18 €
BRC4031000500	1.000 x 500 mm	(20 + 20) + 3 mm	sharp	670,0	25	55,77 €
BRC4061000500	1.000 x 500 mm	(20 + 20) + 6 mm	sharp	680,0	25	59,45 €
BRC40101000500	1.000 x 500 mm	(20 + 20) + 10 mm	sharp	690,0	20	60,72 €
BRC40201000500	1.000 x 500 mm	(20 + 20) + 20 mm	sharp	700,0	20	63,36 €
BRC40401000500	1.000 x 500 mm	(20 + 20) + 40 mm	sharp	710,0	20	65,89 €

■ cement bonded particle board thickness ■ cork thickness

Radiant systems / Betonradiant styр panels

Radiant heating systems for floors and walls Betonradiant

BetonRadiantstyr EPS

Expanded polystyrene and cement bonded particle boards for radiant floor systems

The BetonRadiant Styр EPS radiant floor is a modular system, suitable for any finishing, provides excellent ease of installation.

- A2 fire resistance class (cement bonded particle board);
- insects and fungi are not able to attack or damage it;
- cement bonded particle board compressive strength 9.000,00 KPa;
- expanded polystyrene compressive strength 150,00 KPa.



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

Expanded polystyrene and cement bonded particle board for radiant heating floors BetonRadiantStyr EPS type A/B.

Code	Dimension	Thickness	Edges	Weight/Pallet	Panels/Pallet(<1000kg)	Price €/m ²
BRSTY40101200500	1.200 x 500 mm	(20 + 20) + 10 mm	sharp	610,0	20	47,79 €
BRSTY40201200500	1.200 x 500 mm	(20 + 20) + 20 mm	sharp	630,0	20	49,06 €
BRSTY40301200500	1.200 x 500 mm	(20 + 20) + 30 mm	sharp	660,0	20	50,38 €
BRSTY40401200500	1.200 x 500 mm	(20 + 20) + 40 mm	sharp	690,0	20	51,48 €

■ cement bonded particle board thickness ■ expanded polystyrene thickness

BetonRadiantstyr XPS

Extruded polystyrene and cement bonded particle boards for radiant floor systems

The BetonRadiant Styр XPS radiant floor is a modular system, suitable for any finishing, provides excellent ease of installation.

- A2 fire resistance class (cement bonded particle board);
- insects and fungi are not able to attack or damage it;
- cement bonded particle board compressive strength 9.000,00 KPa;
- extruded polystyrene compressive strength 300,00 KPa.



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

Extruded polystyrene and cement bonded particle board for radiant heating floors BetonRadiantStyr XPS type A/B.

Code	Dimension	Thickness	Edges	Weight/Pallet	Panels/Pallet(<1000kg)	Price €/m ²
BRSTX20101200500	1.200 x 500 mm	(18 + 20) + 10 mm	sharp	300,0	25	56,10 €
BRSTX20201200500	1.200 x 500 mm	(18 + 20) + 20 mm	sharp	310,0	25	57,64 €
BRSTX20301200500	1.200 x 500 mm	(18 + 20) + 30 mm	sharp	320,0	25	60,99 €
BRSTX20401200500	1.200 x 500 mm	(18 + 20) + 40 mm	sharp	330,0	25	65,50 €
BRSTX40101200500	1.200 x 500 mm	(20 + 20) + 10 mm	sharp	610,0	20	54,72 €
BRSTX40201200500	1.200 x 500 mm	(20 + 20) + 20 mm	sharp	630,0	20	55,99 €
BRSTX40301200500	1.200 x 500 mm	(20 + 20) + 30 mm	sharp	660,0	20	57,31 €
BRSTX40401200500	1.200 x 500 mm	(20 + 20) + 40 mm	sharp	690,0	20	58,41 €

■ cement bonded particle board thickness ■ extruded polystyrene thickness

BETONWOOD Srl

Dry building system for green-building

Office:
Via Falcone e Borsellino, 58
I-50013 Campi Bisenzio (FI)

T: +39 055 8953144
F: +39 055 4640609

info@betonwood.com
www.betonwood.com

PL - BTR - IR 19.01

Beton Wood
Dry building system for greenbuilding

CERTIFICATIONS

The products and systems BetonRadiant for greenbuilding are CE certified according to EN 13168



Directions 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 outside of our control. Therefore, the buyer must still verify the suitability of the product to the specific case, taking all responsibility for the use, raising BetonWood from any claim for consequential damages.

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

SALE CONDITIONS: download on site www.betonwood.com