

# 2021 / Price list

---



**BetonRadiant**

Radiant heating systems for green building

---

**Beton**  **Wood**<sup>®</sup>

<b>1. Radiant heating floor systems with wood fiber insulating panels</b>	<b>3</b>
• Radiant floors system / <b>BetonRadiant</b>	3
• Radiant floors system / <b>BetonRadiant fiber</b>	3
<b>2. Radiant heating floor systems with cork insulating panels</b>	<b>3</b>
• Radiant floors system / <b>BetonRadiant cork</b>	3
<b>3. Radiant heating floor systems with polystyrene insulating panels</b>	<b>4</b>
• Radiant floors system / <b>BetonRadiant styr EPS</b>	4
• Radiant floors system / <b>BetonRadiant styr XPS</b>	4
<b>14. Credits</b>	<b>5</b>

# Radiant systems / Betonradiant panels

Betonradiant panels for radiant floors and walls heating systems

## BetonRadiant

MODULAR SYSTEM IN CEMENT BONDED PARTICLE BOARD FOR RADIANT FLOORS

The BetonRadiant radiant floor panels are a modular system, suitable for any finishing, ensuring an easy installation.

- fire resistance class A2;
- insects and fungi are unable to attack or damage it;
- high compressive strength (9,000.00 kPa).



Cement bonded particle board | Density 1350 kg/m<sup>3</sup> | Declared thermal conductivity  $\lambda_p$ [W/(m\*k)] 0,26 | Specific heat c 1.880 J/kg K

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

Code	Dimensions	Thickness	Edges	Kg/Pallet	Panels/Pallet(< 1000kg)	Price €/m <sup>2</sup>
BRT22221200500	1.200 x 500 mm	22 + 22 mm	sharp	891,0	25	43,12 €

## BetonRadiant fiber

MODULAR SYSTEM IN CEMENT BONDED PARTICLE BOARD AND WOOD FIBER FOR RADIANT FLOORS

The BetonRadiant fiber radiant floor panels are a modular system, suitable for any finishing, ensuring an easy installation.

- cement bonded particle board's fire resistance class A2;
- insects and fungi are unable to attack or damage it;
- wood Fiber's compressive strength: 50,00 kPa.
- cement bonded particle board's compressive strength: 9,000.00 kPa;



Wood fiber panel | Density 250 kg/m<sup>3</sup> | Declared thermal conductivity  $\lambda_p$ [W/(m\*k)] 0,048 | Specific heat c 2.100 J/kg K

Cement bonded particle board | Density 1350 kg/m<sup>3</sup> | Declared thermal conductivity  $\lambda_p$ [W/(m\*k)] 0,26 | Specific heat c 1.880 J/kg K

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

Code	Dimensions	Thickness	Edges	Kg/Pallet	Panels/Pallet(< 1000kg)	Price €/m <sup>2</sup>
BRF44201200500	1.200 x 500 mm	(22 + 22) + 20 mm	sharp	772,8	20	50,10 €
BRF44401200500	1.200 x 500 mm	(22 + 22) + 40 mm	sharp	832,8	20	52,64 €

■ cement bonded particle board thickness

■ wood fiber thickness

## BetonRadiant cork

MODULAR SYSTEM IN CEMENT BONDED PARTICLE BOARD AND CORK FOR RADIANT FLOORS

The BetonRadiant cork radiant floor panels are a modular system, suitable for any finishing, ensuring an easy installation.

- cement bonded particle board's fire resistance class A2;
- insects and fungi are unable to attack or damage it;
- excellent for humid environments.
- cement bonded particle board's compressive strength: 9,000.00 kPa;



Cork panel | Density 150÷160 kg/m<sup>3</sup> | Declared thermal conductivity  $\lambda_p$ [W/(m\*k)] 0,041 | Specific heat c 1.674 J/kg K

Cement bonded particle board | Density 1350 kg/m<sup>3</sup> | Declared thermal conductivity  $\lambda_p$ [W/(m\*k)] 0,26 | Specific heat c 1.880 J/kg K

Blond cork and cement bonded particle board for radiant floors BetonRadiant Cork Type A/B.

Code	Dimensions	Thickness	Edges	Kg/Pallet	Panels/Pallet(< 1000kg)	Price €/m <sup>2</sup>
BRC4431000500	1.000 x 500 mm	(22 + 22) + 3 mm	sharp	602,0	20	55,77 €
BRC4461000500	1.000 x 500 mm	(22 + 22) + 6 mm	sharp	613,2	20	59,45 €
BRC44101000500	1.000 x 500 mm	(22 + 22) + 10 mm	sharp	626,0	20	60,72 €
BRC44201000500	1.000 x 500 mm	(22 + 22) + 20 mm	sharp	658,0	20	63,36 €
BRC44401000500	1.000 x 500 mm	(22 + 22) + 40 mm	sharp	722,0	20	65,89 €

■ cement bonded particle board thickness

■ blond cork thickness

# Radiant systems / Betonradiant panels

Betonradiant panels for radiant floors and walls heating systems

## BetonRadiant styr EPS

MODULAR SYSTEM IN CEMENT BONDED PARTICLE BOARD AND EXPANDED POLYSTYRENE FOR RADIANT FLOORS

The BetonRadiant styr EPS radiant floor is a modular system, suitable for any finishing, ensuring an easy installation.

- cement bonded particle board's fire resistance class A2;
- insects and fungi are unable to attack or damage it;
- cement bonded particle board's compressive strength: 9,000.00 kPa;
- expanded polystyrene compressive strength 150,00 KPa.



Expanded polystyrene panel | Density 15÷35 kg/m<sup>3</sup> | Declared thermal conductivity  $\lambda_p$ [W/(m\*k)] 0,026÷0,036 | Specific heat c 1.200 J/kg K

Cement bonded particle board | Density 1350 kg/m<sup>3</sup> | Declared thermal conductivity  $\lambda_p$ [W/(m\*k)] 0,26 | Specific heat c 1.880 J/kg K

Polystyrene and cement bonded particle board for radiant floors BetonRadiantStyr EPS Type A/B.

Code	Dimensions	Thickness	Edges	Kg/Pallet	Panels/Pallet(< 1000kg)	Price €/m <sup>2</sup>
BRSTY4410I200500	1.200 x 500 mm	(22 + 22) + 10 mm	sharp	719,8	20	47,79 €
BRSTY4420I200500	1.200 x 500 mm	(22 + 22) + 20 mm	sharp	726,8	20	49,06 €
BRSTY4430I200500	1.200 x 500 mm	(22 + 22) + 30 mm	sharp	733,8	20	50,38 €
BRSTY4440I200500	1.200 x 500 mm	(22 + 22) + 40 mm	sharp	740,8	20	51,48 €

■ cement bonded particle board thickness

■ expanded polystyrene EPS thickness

## BetonRadiant styr XPS

MODULAR SYSTEM IN CEMENT BONDED PARTICLE BOARD AND EXTRUDED POLYSTYRENE FOR RADIANT FLOORS

The BetonRadiant styr EPS radiant floor is a modular system, suitable for any finishing, ensuring an easy installation.

- cement bonded particle board's fire resistance class A2;
- insects and fungi are unable to attack or damage it;
- cement bonded particle board's compressive strength: 9,000.00 kPa;
- expanded polystyrene compressive strength 300,00 KPa.



Extruded polystyrene panel | Density 15÷35 kg/m<sup>3</sup> | Declared thermal conductivity  $\lambda_p$ [W/(m\*k)] 0,026÷0,036 | Specific heat c 1.450 J/kg K

Cement bonded particle board | Density 1350 kg/m<sup>3</sup> | Declared thermal conductivity  $\lambda_p$ [W/(m\*k)] 0,26 | Specific heat c 1.880 J/kg K

Polystyrene and cement bonded particle board for radiant floors BetonRadiantStyr XPS Type A/B.

Code	Dimensions	Thickness	Edges	Kg/Pallet	Panels/Pallet(< 1000kg)	Price €/m <sup>2</sup>
BRSTX4410I200500	1.200 x 500 mm	(22 + 22) + 10 mm	sharp	719,8	20	54,72 €
BRSTX4420I200500	1.200 x 500 mm	(22 + 22) + 20 mm	sharp	726,8	20	55,99 €
BRSTX4430I200500	1.200 x 500 mm	(22 + 22) + 30 mm	sharp	733,8	20	57,31 €
BRSTX4440I200500	1.200 x 500 mm	(22 + 22) + 40 mm	sharp	740,8	20	58,41 €

■ cement bonded particle board thickness

■ extruded polystyrene XPS thickness

**BetonWood srl**  
Dry construction systems  
for green building

Office  
Via di Rimaggio, 185  
I-50019 Sesto Fiorentino (FI)  
T: +39 055 8953144  
F: +39 055 4640609  
info@betonwood.com  
www.betonwood.com

PL - G - IR 21.01

**Beton**  **Wood**<sup>®</sup>

### Certificates

BetonWood<sup>®</sup> products and 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](http://www.betonwood.com)