



Cement-Bonded Chipboard

FALCO has produced cement-bonded chipboard since 1977. Pine wood, a sustainable timber source, is exclusively used for production.

Quality

- The product is CE certified.
- Fire class B-s1, d0 (according to EN 13501-1)
- Once a year, the production process is reviewed by ÉMI

(accredited Hungarian control institute for the building industry).



Technical and Mechanical Characteristics

Quality of the product according to our technical data sheet. Important parameters / values:

Moisture content after acclimatisation	6-12 %
Bending strength	8-40 mm min. 9 N/mm ²
Vertical tensile strength to the board	min. 0,5 N/mm ²
Modulus of elasticity	4500 N/mm ²
Swelling	after 24 hours of soaking 1,5 %
Thermal conductivity*	0,26 W/mK
Steam diffusion resistance*	22,6
Air permeability*	0,133 l / min. m ² Mpa
Frost resistance*	no visible transformation
Sound absorption*	30 dB with a 12 mm thick sheet
Surface pH Value*	11

* Values only for information

Formats

Standard size (mm)	3200 x 1250, 2800 x 1250									
Standard widths (mm)	8	10	12	14	16	18	20	24	28	40
Size tolerance (mm)	± 0,7	± 0,7	± 0,7	± 1,0	± 1,2	± 1,2	± 1,5	± 1,5	± 1,5	± 1,5
Density	1350 ± 75 kg/m ³									

Application

- Facing elements, e.g. exterior facade cladding, false ceiling, interior space divider, etc.
- Auxiliary panel elements for lightweight and traditional construction systems, e.g. interior space divider panels, ceiling elements, facing panels
- Shuttering elements

Thickness (mm)	Packaging (pcs. / pallet)	3200 x 1250 mm		2800 x 1250 mm	
		(m ²)	(m ³)	(m ²)	(m ³)
8	60	240	1,92	210	1,68
10	50	200	2,00	175	1,75
12	40	160	1,92	140	1,68
14	35	140	1,96	122	1,71
16	30	120	1,92	105	1,68
18	30	120	2,16	105	1,89
20	25	100	2,00	88	1,75
24	20	80	1,92	70	1,68
28	20	80	2,24	70	1,96
40	15	60	2,40	53	2,10

BETONYP® products are also available as cut-to-size.

Storage and Transportation

- Should be protected against damage, contamination and weather impact.
- Protect the top board of an open pallet against heat.
- Keep dry.

Product Characteristics

- moisture proof and frost resistant
- fungal and insect resistant
- flame resistance and anti-combustion properties