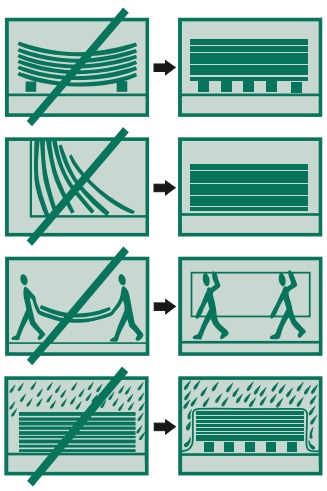
2.5 Packaging, Storage and Handling

CETRIS® cement bonded particleboards are stored on wooden pallets allowing for forklift handling. The boards are fixed to the pallet by crosswise tying of the boards to the pallet. Lengthwise tying on customer request only.

CETRIS® boards are protected against the weather with PE foil wrap. Wrapping the CETRIS® boards into PE foil does not meet requirements for long-term weather protection in the case of open air storage. Storage may cause bending of the upper board as a result of quicker drying of the upper surface. This effect may be eliminated by turning the board upside down.



CETRIS® boards should be stored in a roofed dry space to prevent moistening of the boards before installation. The stored pallets with boards of the same size may be stacked up to a max. five layers.

CETRIS® boards should only be handled on the pallets, or in the vertical position. Manual transfers should also be performed in a vertical position.

Board thickness (mm)	Approximate weight (kg/m²)	Approximate board weight (kg/pc)	Number of boards on pallet (pc)	Board surface size on pallet (m²)	Total approximate weight of boards including pallet (kg)
CETRIS® cement bonded particleboard in basic format (size 3,350 by 1,250 mm)					
8	11.36	47.6	60	251.25	2,894
10	14.2	59.5	45	188.44	2,716
12	17.0	71.4	40	167.50	2,894
14	19.9	83.3	35	146.56	2,954
16	22.7	95.1	30	125.63	2,894
18	25.6	107.0	25	104.69	2,716
20	28.4	118.9	25	104.69	3,013
22	31.5	130.8	20	83.75	2,656
24	34.3	142.7	20	83.75	2,894
26	36.9	154.6	20	83.75	3,132
28	39.8	166.5	15	62.81	2,537
30	42.6	178.4	15	62.81	2,716
32	45.4	190.3	15	62.81	2,894
34	48.3	202.2	15	62.81	3,073
36	51.1	214.1	10	41.88	2,181
38	54.0	226.0	10	41.88	2,300
40	56.8	237.9	10	41.88	2,419
CETRIS® PD, PDB (size 1,250 by 625 mm)					
16	22.7	17.8	50	39.0	895
18	25.6	20.0	45	35.1	906
20	28.4	22.2	40	31.2	895
22	31.5	24.6	35	31.2	868
24	34.3	26.8	35	31.2	946
26	36.9	28.8	30	23.4	865
28	39.8	31.1	30	23.4	932
CETRIS® cement bonded particleboard IZOCET and POLYCET (size 1,250 by 625 mm)					
12 upper board	17.0	13.3	70	54.7	950
12 lower board	17.0	13.3	70	54.7	950
CETRIS® cement bonded particleboard AKUSTIC and AKUSTIC FINISH (size 1,250 by 625 mm)					
8	10.0	7.80	100	78.13	810
10	12.5	9.75	80	62.50	805
Insulation fibreboard for IZOCET flooring system (size 1,200 by 810 mm)					
20	5.0	5.0	50	48.6	260
20	5.0	5.0	150	145.8	745
CETRIS® PDI floorboards (size 1,220 × 610 mm)					
34	33.5	24	30	22.32	750

Note: The format and the packaging may change in relation to the supplied assortment of the insulation board manufacturer.

2.6 Parameters of Shipped Boards

2.6.1 Size Tolerances

Note: The tolerances are specified pursuant to EN 634-1.

FEATURE	BOARD THICKNESS	TOLERANCE
Thickness of unsanded board	8, 10 mm	±0.7 mm
	12, 14 mm	±1.0 mm
	16, 18 mm	±1.2 mm
	20 – 40 mm	±1.5 mm
Thickness of sanded board		±0.3 mm
Length and width of basic format		±5.0 mm
Accuracy of division for length and width		±3.0 mm
Edge straightness		1.5 mm/m
Rectangularity		2.0 mm/m

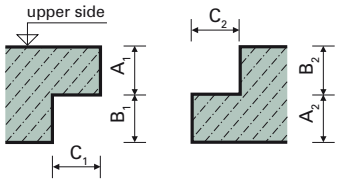
2.6.2 Appearance

PARAMETER	1ST CLASS QUALITY	2ND CLASS QUALITY
Deflection from the right angle	max. 2 mm/1 m of length	max. 4 mm/1 m of length
Permitted edge damage	max depth 3 mm	max. depth 30 mm
Plane projections	max. 1 mm, size 10 mm	max. 1 mm
Hollows	max. 1 mm, size 10 mm	max. 2 mm
Other		Thin edges, bark in surface, cement inclusions, peeled off edge, surface damage from pallet, edge and corner damage by saw blades.

2.6.3 Services

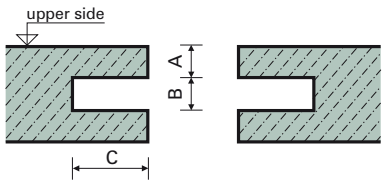
Milling, chamfering, tongue and groove forming tolerances are specified to assure correct function on assembly.

Semi-groove



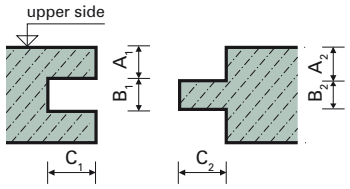
Dimensions	Tolerance	Size	Tolerance
A_1	−1 / 0	A_2	−1 / 0
B_1	0 / +1.5	B_2	0 / +1.5
C_1	0 / +2	C_2	−2 / 0

Groove



Dimensions	Tolerance
A	−0.5 / +0.5
B	0 / +1.5
C	0 / +2

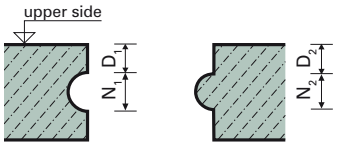
Tongue and groove



Dimensions	Tolerance	Size	Tolerance
A_1	±0.5	A_2	±0.5
B_1	0 / +0.5	B_2	−0.5 / 0
C_1	0 / +2	C_2	−2 / 0

All dimensions in mm

Semi-circular groove and tongue

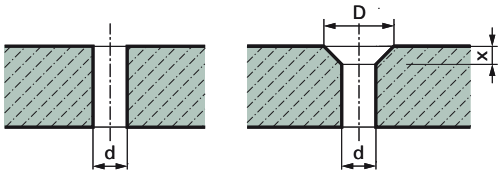


Dimensions	Tolerance	Size	Tolerance
D_1	±0.5	D_2	±0.5
N_1	0 / +0.5	N_2	−0.5 / 0

Rounded and chamfered edges

Tolerance
Accuracy of processing ±0.5 mm

Drilling



Spacing tolerance of individual drilled holes in the board max. ±5 mm.

DRILLING TYPE	HOLE DIAMETER		SINK DEPTH X (mm)	BOARD THICKNESS (mm)
	d (mm)	D (mm)		
No sink	4.5 – 8.0 ±0.5	-	-	8 – 40
No sink	10.0 – 12.0 ±1.0	-	-	8 – 40
With sink	4.5 ±0.5	9.5 ±0.5	2.5 ±0.5	12 – 40
With sink	5.5 ±0.5	10.0 ±0.5	2.5 ±0.5	12 – 40
With sink	6.5 ±0.5	17.0 ±1.0	5.0 ±1.0	12 – 40

Surface Finishes

The warranty period for colour stability (by colour manufacturer) is 3 years minimum.

Colour shades of CETRIS® FINISH (FINISH PROFIL) boards may be selected from the RAL or NCS colour table. It is recommended to consult the fitness of the selected colour shade with the manufacturer.

The reverse side of CETRIS® boards with a surface finish is covered with one layer of primer (lacquer) – in standard white or a transparent shade. The protective paint does not cover the identification inscriptions of the boards on the reverse side. The surface of the reverse side of the boards may be slightly damaged by manufacture-related handling of CETRIS® boards.

If on customer request a sample with the required colour shade is produced then this is for colour shade and coverage information only (there is a difference between manual paint application and machine painting of the mass manufactured boards).