

## Technical Data Sheet

### Thin MDF E1E05 TSCA SE EAC (Rec.:638)

#### Board type Thin MDF Supporting Edge

Mechanical properties board mean values	Unit	Board thicknesses				
	[mm]	2,0 -2,5	> 2,5 - 4	-	-	-
Density EN 323	[kg/m³]	specific to plant				
Internal bond EN 319	[N/mm²]	1,4	1,4			
Bending strength EN 310	[N/mm²]	14	14			
Bending modulus of elasticity EN 310	[N/mm²]	1400	1400			
Board moisture* EN 322	[%]	4 - 13				
Formaldehyde emission class(es)**		E1 (E1E05), TSCA, CARB2				

General tolerances	Unit	Board thicknesses				
	[mm]	2,0 -2,5	> 2,5 - 4	-	-	-
Length and width tolerance EN 324-1	[mm]	±2				
Thickness tolerance EN 324-1 sanded boards unsanded boards one-sided sanded boards	[mm]	± 0,10 ± 0,20 ± 0,15				
Edge straightness tolerance EN 324-2	[mm/m]	1,5				
Squareness EN 324-2	[mm/m]	2				
Tolerance on the mean density EN 323	[%]	±7				

Building physical properties in line with EN 13986	Unit	Board thicknesses				
	[mm]	2,0 -2,5	> 2,5 - 4	-	-	-
<b>Reaction to fire</b>		according table 8 EN 13986				
<b>Water vapour permeability EN 12524</b>						
wet	[μ]	12				
dry	[μ]	20				
Based on mean bulk density of 600kg/m <sup>3</sup>						
<b>Airborne sound insulation EN 140-3</b>		R = 13 x lg(mA) + 14 (mA = board weight per unit area kg/m <sup>2</sup> )				
<b>Sound absorption EN 354</b>						
Frequency range 250 Hz to 500 Hz	[α]	0,10				
Frequency range 1000 Hz to 2000 Hz		0,20				
<b>Thermal conductivity EN 12664</b>						
Based on mean bulk density of 600kg/m <sup>3</sup>	[W/(m*K)]	0,1				
<b>Biological durability EN 335</b>	[Hazard class]	1				
<b>Content of PCP</b>	[ppm]	<5				

\*On delivery

\*\*The product complies with the following emission class(es):

These wood based panels are

- If the name contains "E1": compliant with class E1 according EN 13986
- If the name contains "E1E05": additional compliant with German ChemVerbotsVO.
- If the name contains "CE": in accordance with regulation (EU) No 305/2011 (CE) and as it has effect in the United Kingdom in respect of Great Britain(UKCA), under the sole responsibility of the manufacturer identified above. DOP available on [www.egger.com](http://www.egger.com)
- If the name contains "TSCA": compliant with CARB regulation CCR-17-93120.2(a) Phase 2, US EPA TSCA TITLE VI certified / certifié conformément au titre VI de la TSCA
- If the name contains "F\*\*\*\*\*": compliant with the Japanese standard JIS A 5905.

Risk group EAC: (EGGER Audit Controlled) complies with Controlled Wood (see FSC STD – 40-005) and all applicable legal Timber regulations. Certification statement (claim) on the sales documents is only on customer's request and according to availability.

Provisional note

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