TECHNICAL DATA SHEET

EGGER Raw Particleboards PB TSCA 188 EAC

Recipe: 188

Tested according to US standard.
Application: All panels are recommended for interior, non-structural application.

Core board properties:

Mechanical properties Board mean values	Unit	Board thickness		
	[inch] / [mm]	1/4" – 1/2" 6.3 – 12.7	>1/2" – 5/8" >12.7 – 16.0	> 5/8 " – 3/4" >16.0 – 19.0
Modulus of Rupture MOR average length/cross	[psi] / [N/mm²]	1,700/11.7	1,740/12.0	1,740/12.0
Modulus of Elasticity MOE average length/cross	[psi] / [N/mm²]	305,000/2,100	325,000/2,250	325,000/2,250
Internal Bond	[psi] / [N/mm²]	70/0.48	65/0.45	65/0.45
Screw-holding Face	[lb]/ [N]	202/900	202/900	202/900
Screw-holding Edge	[lb]/ [N]	NA	180/800	180/800
Linear Expansion	[%]	0.40		
Formaldehyde emission	[class]	EPA TSCA Title VI certified – Carb 2 certified		

Sampling for assessing conformance of the above specifications must be done in accordance with the procedures described in the American National Standard for Particleboard. (ANSI A208.1 – 2016 section 6.2)

Dimensional Tolerances	Unit	Board thickness
	[inch] / [mm]	1/4" – 3/4"
Length and Width	[inch]	±0.080 (± 2.0 mm)
Thickness – panel average from specified	[inch]	- 0.004 inch / - 0,1 mm ; + 0.008 inch / + 0,2 mm
Thickness – variance from panel average	[inch]	±0.004 (± 0.1 mm)
Squareness	[inch/ft]	±0.036 (3 mm/m)

Storage and Handling

Particleboard products made by EGGER should never be stored or used outdoors.
The indoor storage area should be clean, dry, well-ventilated and free of dust, dirt or particles that could contaminate the particleboard.
Store flat on stickers on a level, hard, dry surface. Constant relative humidity and temperature should be maintained.
Before use, allow to stabilize to the same conditions as are expected after the panel is installed.
Condition 48 to 72 hours prior to lamination. For more information, see Composite Panel Association Technical Bulletin: Storage and Handling of Particleboard and MDF.

Provisional note:
This technical data sheet has been carefully drawn up to the best of our knowledge. It is intended for information only and does not constitute a guarantee in terms of product properties or its suitability for specific applications. It is based on practical experiences, our own tests and correspond to our present state of knowledge. We accept no liability for any mistakes, errors in standards, or printing errors. In addition, technical modifications may result from the continuous development, as well as from changes to standards and public law documents. Therefore, the content of these processing instructions cannot serve as instructions for use nor as a legally binding basis.