



TAFIPAN P3 MR

Moisture resistance
particleboard

DESCRIPTION

Tafipan P3 MR is a particleboard with a fine sanded surface suitable for coating with melamine paper and veneer or laminate. The board is suitable for furniture production, easy to mill and has low formaldehyde emission (E1 class). These particleboard show a good behaviour in humid environments, with minimal expected expansion and swelling. Regarding reaction to fire and according to EN 13986, Tafipan P3 MR, thickness ≥ 9 mm, is classified as D-s2, d0 (Euroclasse definition by EN 13501-1).

In addition to technical performance Tafipan panels are sustainable and environmental products.

Please check offer & service brochure for information on sizes and thicknesses available.

PROPERTIES



EASY TO MILL



MOISTURE
RESISTANT

APPLICATIONS

Tafipan P3 MR is suitable for non-load-bearing applications in humid conditions and be applied in service class 2 (restrictions in temperature and ambient humidity).

The Tafipan P3 MR panels can be use in the kitchen & bathroom furniture and also in construction for non-structural applications.



KITCHENS



BATHROOMS



SPORTS &
LEISURE



RESTAURANTS &
HOTELS



HEALTH &
WELLNESS



CONSTRUCTION

RECOMMENDATIONS

Boards must be stacked on a hard, level surface and protected from direct contact with water. Pigments added during production of this product in exceptional cases may interfere with certain types of adhesives, should therefore conduct a test before you apply them. Expansion and contraction in wood products is directly related to moisture content and must be considered during design and construction. Wood based panels are biodegradable and can be recycled, follow local regulation for the disposal of residues.

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GENERAL CHARACTERISTICS

PROPERTY	TEST	UNIT	THICKNESS RANGE (mm)						
			6	> 6 - 13	> 13 - 20	> 20 - 25	> 25 - 32	> 32 - 40	> 40 - 45
Tolerances on nominal dimensions									
Thickness	EN 324-1	mm	± 0.3	± 0.3	± 0.3	± 0.3	± 0.3	± 0.3	± 0.3
Length and width	EN 324-1	mm	± 5	± 5	± 5	± 5	± 5	± 5	± 5
Squareness	EN 324-2	mm/m	2	2	2	2	2	2	2
Moisture content	EN 322	%	5 - 13	5 - 13	5 - 13	5 - 13	5 - 13	5 - 13	5 - 13
Density variation within the board	EN 323	%	± 10	± 10	± 10	± 10	± 10	± 10	± 10

MECHANICAL PROPERTIES

PROPERTY	TEST	UNIT	THICKNESS RANGE (mm)						
			6	> 6 - 13	> 13 - 20	> 20 - 25	> 25 - 32	> 32 - 40	> 40 - 45
Bending strength	EN 310	N/mm ²	14	15	14	12	11	9	7.5
Modulus of elasticity	EN 310	N/mm ²	1950	2050	1950	1850	1700	1550	1350
Internal bond	EN 319	N/mm ²	0.50	0.45	0.45	0.40	0.35	0.30	0.25
Swelling 24h	EN 317	%	20	17	14	13	13	12	12
Internal Bond after cyclic test	EN 321	N/mm ²	0.18	0.15	0.13	0.12	0.10	0.09	0.08
Swelling after cyclic test	EN 321	%	14	14	13	12	12	11	11

Tafipan P3 MR boards meet the specifications of EN 312, type P3, and are CE marked. For more information regarding the technical properties check de Product Declaration of Performance (DoP).

Tafipan panels can contribute to as many as 5 LEED credits:

- The product contains recycled materials and can contribute to achieve LEED credits within MR Credit 4.
- Depending on the building project location, the product can fulfil the requirements for regional extracted and manufactured materials and contribute to achieve LEED credits within MR credit 5.
- The plant where material is produced have a Chain of Custody (CoC) in accordance with the principles and criteria of the Forest Stewardship Council (FSC®). The product can be supplied certified with the FSC® claim "FSC® Mix Credit" and Controlled Wood (CW), and also contribute to achieve LEED credits within MR credit 7.

ALSO AVAILABLE IN



FIRE RETARDANT



The mark of
responsible forestry
FSC® C013589



CERTIFICATIONS

