

TECHNICAL SPECIFICATIONS

TEKNOPAN /YONGAPAN (TYPE P5 (MR)) - Load Bearing Boards

Used in Humid Conditions Harmonized Standard: EN 13986 2.2004 +A1 / EN 312

TECHNICAL DATA	TEST STANDARD	UNIT OR FEATURE	THICKNESS RANGE				
			6<t≤13	13<t≤20	20<t≤25	25<t≤32	32<t≤40
DENSITY*1	EN 323	kg/m ³	Specific to plant				
INTERNAL BOND	EN 319	N/mm ²	0,45	0,45	0,40	0,35	0,30
BENDING STRENGTH	EN 310	N/mm ²	18	16	14	12	10
MODULUS OF ELASTICITY IN BENDING	EN 310	N/mm ²	2550	2400	2150	1900	1700
SURFACE SOUNDNESS	EN 311	N/mm ²	≥ 0,95				
SCREW HOLD EDGE	EN 320	N	≥ 750(t>15 mm)				
SWELLING 24H	EN 317	%	11	10	10	10	9
INTERNAL BOND AFTER BOIL TEST	EN 321	N/mm ²	0,15	0,14	0,12	0,11	0,10
MOISTURE CONTENT	EN 322	%	5-13				
FORMALDEHYDE RELEASE	EN ISO 12460-5	mg/100 gr	<8				
	EN 717-1	mg/m ³ air	<0,124				
	EN ISO 12460-3	mg/m ² h	<3,5				
	JIS A 5908	mg/L	1,5 ≤ release ≤ 2,1				

CONTROL CRITERIA	TEST STANDARD	UNIT OR FEATURE	THICKNESS RANGE				
			6<t≤13	13<t≤20	20<t≤25	25<t≤32	32<t≤40
DENSITY	EN 324	%	±10				
THICKNESS (SANDED)	EN 324	m	±0,30				
WIDTH LEGTH	EN 324	m	±5				
EDGE SQUARENESS	EN 324	mm	≤2				

As an official trademark of Kastamonu, **TYPE P5 (MR) -TEKNOPAN /YONGAPAN** boards are **Moisture Resistant uncovered ChipBoards** which only sanded to get smooth surface structure and do not comprise any other surface treatment like melamine facing, PVC covering, printing or etc. This type of boards are especially used for the furnitures designed for **humid conditions** like bathroom and kitchen furnitures, furniture components, partitions, structural roof decking, kitchen tops, windowsills, underfloor plates and camper floorings.

***1 Density:** The density is not exactly specified because of the market variabilities. In order to get exact value of the density you are advised to contact the relevant Sales Executive.

Note 1: This document may be modified at any time by the company without any express obligation to send any updated edition to all original recipients. To verify that you have the latest edition available, you are advised to contact the relevant sales executive.

Note 2: For current EN document / document scope, it is recommended to contact the relevant sales executive.