

TECHNICAL SPECIFICATIONS

TEKNOPAN- MR E0 (TYPE P3) Harmonized standard EN 13986 / EN 312

| CONTROL CRITERIA | TEST STANDARD | UNIT OR FEATURE | THICKNESS RANGE (mm, nominal) | | | | |
|---------------------------------------|----------------|-------------------|-------------------------------|---------|---------|---------|---------|
| | | | 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 | 15 | 14 | 12 | 11 | 9 |
| MODULUS OF ELASTICITY | EN 310 | N/mm ² | 2050 | 1950 | 1850 | 1700 | 1550 |
| BENDING STRENGTH UNDER WET CONDITIONS | JIS A 5908 | N/mm ² | Min 6,5 | | | | |
| SURFACE SOUNDNESS | EN 311 | N/mm ² | 0,95 | | | | |
| SCREW HOLD EDGE | EN 320 | N | ≥650 (for >15 mm) | | | | |
| SWELLING 24H | EN 317 | % | ≤ 12 | | | | |
| MOISTURE CONTENT | EN 322 | % | 5 - 13 | | | | |
| FORMALDEHYDE RELEASE | EN ISO 12460-5 | mg/100gr | < 2,5 | | | | |

| 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 | mm | ±0,30 | | | | |
| WIDTH/LENTH | EN 324 | mm | ±5 | | | | |
| EDGE SQUARENESS | EN 324 | mm | ≤ 2 | | | | |

As an official trademark of Kastamonu, **Teknopan-MR E0 (Type P3)** boards are **Moisture Resistant raw ChipBoard based** boards. This type of boards are especially used for the furnitures designed for humid conditions like bathroom furnitures, 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 contacscope, it is recommended to contact the relevant sales executive