

## TECHNICAL SPECIFICATIONS

### TEKNOLAM/YONGALAM (MR) Harmonized standard: EN 13986

| CONTROL CRITERIA  | TEST STANDARD | UNIT OR FEATURE                 | THICKNESS RANGE (mm, nominal)                                   |                |        |
|---|---------------|---------------------------------|---|----------------|--------|
|   |               |                                 | <15   | ≥15 with 20 mm | >20 mm |
| TOLERANCES ON NOMINAL DIMENSIONS*1<br>-THICKNESS COMPARED TO RATED VALUES | EN 14323      | mm                              | 1. Ve 2. For class ± 0,3<br>3A, 3B ve 4. For class<br>+0,5/-0,3 |                | ±0,5   |
| -THICKNESS † RELATIVE TO NOMINALVALUE                                     |               |                                 | $t_{max} - t_{min} \leq 0,6$                                    |                |        |
| LENGTH AND WIDTH  | EN 14323      | mm                              | ± 5   |                |        |
| EDGE DAMAGE   | EN 14323      | mm                              | ≤ 10  |                |        |
| SURFACE DEFECTS   | EN 14323      | mm <sup>2</sup> /m <sup>2</sup> | points ≤ 2  |                |        |
| SURFACE DEFECTS   | EN 14323      | mm/m <sup>2</sup>               | line ≤ 20   |                |        |
| RESISTANCE TO SCRATCHING*2  | EN 14323      | N                               | ≥ 1,5   |                |        |
| RESISTANCE TO CRACKING  | EN 14323      | Rating                          | ≥ 3   |                |        |
| RESISTANCE TO STAINING  | EN 14323      | Rating                          | ≥ 3   |                |        |
| RESISTANCE TO ABRASION  | EN 14323      | Revolution                      | Pattern Class 1 < 50 Plain Class 3A ≥ 150                       |                |        |
| FORMALDEHYDE RELEASE  | EN 12460-3    | mg /m <sup>2</sup> h            | ≤ 3,5 (E1), 3,5 < release ≤ 8 (E2)                              |                |        |
|   | EN 717-1      | mg/m <sup>3</sup> air           | ≤ 0,124 (E1), ≥ 0,124 (E2)                                      |                |        |

As an official trademark of Kastamonu, **Teknolam/Yongalam MR** boards are **Melamine Faced Moisture Resistant Chipboards**. 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.

Please refer to the “**Teknopan/Yongapan MR Technical Specifications**” for the substrate raw board specifications

**\*1 Thickness tolerances:** Here the thickness expresses the total thickness of the raw **Chip** board and the coatings of both surfaces of the board.

**\*2 Resistance to scratching:** Does not include the pearlescent surface treatment.

**Colour matching and surface texture:** A slight deviation of colour and / or surface texture according to Rating4 EN14323 between the test sample and Kastamonu reference sample.

It is recommended the components that will be used side by side should be selected from the same production batch to maintain colour compatibility.

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**Note 2:** For current EN document / document scope, it is recommended to contact the relevant Sales Executive.