

TECHNICAL SPECIFICATIONS

MEDELAM MR Harmonized Standard: EN 13986

CONTROL CRITERIA	TEST STANDARD	UNIT OR FEATURE	THICKNESS RANGE (mm, nominal)		
			6<t≤9	9<t≤12	12<t≤19
TOLERANCES ON NOMINAL DIMENSIONS*1 -THICKNESS COMPARED TO RATED VALUES -THICKNESS t RELATIVE TO NOMINAL VALUE	EN 14323	mm	EN 14322 According to Table-2 Class 1-2 ; ±0,3 EN 14322 According to Table-2 Class 3A-3B and 4; +0,5 / -0,3 $t_{max} - t_{min} \leq 0,6$		
LENGTH AND WITH	EN 14323	mm	± 5		
FLATNESS	EN 14323	mm/m	≤ 2		
EDGE DAMAGE	EN 14324	mm	≤ 10		
SURFACE DEFECTS	EN 14323	mm ² /m ²	points ≤ 2		
		mm/m ²	lines ≤ 20		
RESISTANCE TO SCRATCHING ²	EN 14323	N	≥ 1,5		
RESISTANCE TO STAINING	EN 14324	class	≥ 3		
RESISTANCE TO CRACKING	EN 14325	class	≥ 3		
RESISTANCE TO ABRASION	EN 14323	Revolution	Class 1 ≤ 50		
			Class 3A ≥ 150		
FORMALDEHYDE RELEASE	EN 12460-5	mg/100 gr	≤8 (E1), 8< release ≤ 30 (E2)		
	EN 12460-1	mg/m ³ air	≤ 0,062 (E0) / ≤ 0,124 (E1)		

As an official trademark of Kastamonu, **Medelam MR** boards are **Melamine Faced Moisture Resistant MDF Boards (MedepanMR)**. 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 “**Medepan MR Technical Specifications**”.for the substrate raw board specifications

***1 Thickness tolerances:** Here the thickness expresses the total thickness of the raw MDF 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.

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 relevant sales executive.