

## TECHNICAL SPECIFICATIONS

### MEDELAM Harmonized standard: EN 13986

CONTROL CRITERIA	TEST STANDARD	UNIT OR FEATURE	THICKNESS RANGE (mm, nominal)				
			6<t≤9	9<t≤12	12<t≤19	19<t≤30	30<t≤45
TOLERANCES ON NOMINAL DIMENSIONS* -THICKNESS COMPARED TO RATED VALUES -THICKNESS t RELATIVE TO NOMINAL VALUE	EN 14323	mm	EN 14322 Table-2 for class 1-2 ±0,3 EN 14322 Table-2 for class 3A, 3B and 4 0,5 / -0,3 $t_{max} - t_{min} \leq 0,6$				
LENGT AND WIDTH	EN 14323	mm	± 5				
FLATNESS	EN 14323	mm/m	only for balanced surfaces which $t \geq 15\text{mm}$ ; $\leq 2$				
EDGE DAMAGE	EN 14324	mm	$\leq 10$				
SURFACE DEFECTS	EN 14323	mm <sup>2</sup> /m <sup>2</sup>	points $\leq 2$				
SURFACE DEFECTS	EN 14323	mm/m <sup>2</sup>	line $\leq 20$				
RESISTANCE TO SCRATCHING* <sup>2</sup>	EN 14323	N	$\geq 1,5$				
RESISTANCE TO STAINING	EN 14324	Rating	$\geq 3$				
RESISTANCE TO CRACKING	EN 14325	Rating	$\geq 3$				
RESISTANCE TO ABRASION	EN 14323	Revolution	Class 1 < 50				
RESISTANCE TO ABRASION	EN 14323	Revolution	Class 3A $\geq 150$				
FORMALDEHYDE RELEASE	EN 12460-5	mg/100gr	$\leq 8$ (E1), $8 < \text{release} \leq 30$ (E2)				
	EN 12460-1	mg/m <sup>3</sup> air	$\leq 0,062$ (E0) / $\leq 0,124$ (E1)				

As an official trademark of Kastamonu, **Medelam** boards are **Melamine Faced MDF Boards** for interior furniture and decoration applications. This type of boards are especially used for interior furniture and decoration applications; profile-enclosed front panels, high-quality shelf panels, wall panels (Wallboard), decorative panels, laminate coating, foil, kitchen furniture and office furniture. Please refer to the "**Medepan 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 the relevant Sales Executive.