

TECHNICAL SPECIFICATIONS

WORKTOP TECHNOTOP PRODUCT STANDARD TSE K 478

CONTROL CRITERIA	TEST STANDARD	UNIT OR FEATURE	THICKNESS RANGE	
			25 > t > 32	32 > t > 40
THICKNESS t RELATIVE TO NOMINAL VALUE	EN ISO 13894	mm	$t_{\max} - t_{\min} \leq 0,4$	
LENGTH	EN ISO 13894	mm	+10, -5	
WIDTH >500 mm	EN ISO 13894	mm	± 0.5 for 500mm, with a further 0.05mm for each additional 100mm	
SURFACE DEFECTS	EN 14323	mm ² /m ²	points ≤ 1	
SURFACE DEFECTS	EN 14323	mm/m ²	line ≤ 10	
INTERNAL BOND	EN 319	N/mm ²	≥ 0.25	≥ 0.20
BENDING STRENGTH	EN 310	N/mm ²	≥ 9.5	≥ 8.5
RESISTANCE TO SCRATCHING	EN 438-2	Rating	Smooth finish ≥ 2 , textured finish ≥ 3	
RESISTANCE TO SURFACE WEAR	EN 438-2	Revolution	≥ 150	
RESISTANCE TO WATER VAPOUR	EN 438-3	Rating	glossy ≥ 3 , mat ≥ 4	
RESISTANCE TO DRY HEAT (160°C)	EN 438-3	Rating	glossy ≥ 3 , mat ≥ 4	
RESISTANCE TO WET HEAT (100°C)	EN 438-3	Rating	glossy ≥ 3 , mat ≥ 4	
RESISTANCE TO IMPACT BY SMALL DIAMETER BALL	EN ISO 13894	N	≥ 15	
RESISTANCE TO STAINING	EN 438-2	Rating	For 1. and 2. groups min. 5	
FLATNESS	EN ISO 13894	mm/m	≤ 2 (only for balanced surfaces)	
SURFACE SOUNDNESS	EN 311	N/mm ²	≥ 0.8	
FORMALDEHYDE RELEASE	EN ISO 12460-3	mg/m ² air	E1 ≤ 3.5	

As an official trademark of Kastamonu, **Worktop Technotop** boards are raw **ChipBoards** which are treated with primer paper and laminated. This type of boards are especially used as kitchen counters, bathroom counters, office tables, restaurants, cafeteria tables and counters. The front edge is covered with MDF band and back edge is covered with edge band.

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

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.