kronospan	Project	**MELAMINE FACED CHIPBOARD**	Doc	**18.12.22.01_1**
	Password	**MF - PB**	**TDS - Technical Data Sheet**	Date	2020-01-07

Rev.	Data	Description	Distribution	Date	Issued	Controlled	Approved
A	2010-12-06	Issue	Team, customers	2010-12-06	MQ	RP	RP
B - F	2020-01-07	Update	Team, customers	2020-01-07	MQ	MQ	MQ
G	2020-11-30	Update	Team, customers	2020-11-30	SDR	MQ	MQ
H	2021-06-08	Update	Team, customers	2021-06-08	DBA	MQ	MQ

					P2			P3			Rev.
1	**TECHNICAL PROPERTIES**				**E1**	**Carb / EPA**	**E1E05**	**E1**	**Carb / EPA**	**E1E05**	
					8mm - 40mm	8mm - 40mm	8mm - 40mm	8mm - 40mm	8mm - 40mm	8mm - 40mm	
	1	**Physical**		Test method / Unit	Value	Value	Value	Value	Value	Value	A
		Tolerances on nominal dimensions		EN 14323 / mm							E
	1	*Thickness (detected in the center of the board)*		EN 14323 / mm	-0,2; +0,6	-0,2; +0,6	-0,2; +0,6	-0,2; +0,6	-0,2; +0,6	-0,2; +0,6	E
		Lenght		EN 14323 / mm	± 5	± 5	± 5	± 5	± 5	± 5	E
		Widht		EN 14323 / mm	± 5	± 5	± 5	± 5	± 5	± 5	E
	2	Flatness	*Only for balanced surfaces ≥ 18mm*	EN 14323 / mm/m	≤ 2	≤ 2	≤ 2	≤ 2	≤ 2	≤ 2	A
	3	Edge damage		EN 14323 / mm	10	10	10	10	10	10	A
	4	Surface defects	*Points*	EN 14323 / mm^2/m^2	≤ 2	≤ 2	≤ 2	≤ 2	≤ 2	≤ 2	A
			Lenght	EN 14323 / mm/m^2	≤ 20	≤ 20	≤ 20	≤ 20	≤ 20	≤ 20	A
	5	Resistance to scratching		EN 14323 / N	≥ 1,5	≥ 1,5	≥ 1,5	≥ 1,5	≥ 1,5	≥ 1,5	A
	6	Resistance to staining		EN 14323 / Rating	≥ 3	≥ 3	≥ 3	≥ 3	≥ 3	≥ 3	A
	7	Resistance to cracking		EN 14323 / Rating	≥ 3	≥ 3	≥ 3	≥ 3	≥ 3	≥ 3	A
	8	Cold liquids		EN 12720 / Rating	≥ 3	≥ 3	≥ 3	≥ 3	≥ 3	≥ 3	E
	9	Dry heat		EN 12722 / Rating	≥ 3	≥ 3	≥ 3	≥ 3	≥ 3	≥ 3	E
	10	Color matching(1)		EN 14323 / Rating	≥ R 4	≥ R 4	≥ R 4	≥ R 4	≥ R 4	≥ R 4	G
		Valid only for uni-color, with the same raw board type and the same texture		Colorimeter / △E	≤ 0,70	≤ 0,70	≤ 0,70	≤ 0,70	≤ 0,70	≤ 0,70	G
	11	Formaldehyde release		EN 12460-5 / $mg/m^2/h$	≤ 3,5	N.A.	N.A.	≤ 3,5	N.A.	N.A.	E
				ASTM E 1333 / ppm	N.A.	≤ 0,09	N.A.	N.A.	≤ 0,09	N.A.	E
				EN 16516 / ppm	N.A.	N.A.	≤ 0,1	N.A.	N.A.	≤ 0,1	F
	12	Reaction to fire		EN 13501-1 / -	D-s2, d0	D-s2, d0	D-s2, d0	D-s2, d0	D-s2, d0	D-s2, d0	H

(1) Reference samples (at least A4 size) must be identified, and it shall be stored away of lights and heat sources

					Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Rev.
	2	**Mechanical (for thickness range)**	Test method	Unit													E
		1	Internal Bond	EN 319	N/mm2	0,20	0,45	0,20	0,45	0,20	0,45	0,25	0,50	0,25	0,50	0,25	0,50	E
		2	Surface soundness	EN 311	N/mm2	0,80	0,80	0,80	0,80	0,80	0,80	0,80	0,80	0,80	0,80	0,80	0,80	E
		3	Swelling 24h	EN 317	%	N.A.		N.A.		N.A.		12	17	12	17	12	17	E
		4	Modulus of elasticity "MOE"	EN 310	N/mm2	1050	1800	1050	1800	1050	1800	1350	1800	1350	1800	1350	1800	E
		5	Bending strength	EN 310	N/mm2	7,00	13,00	7,00	13,00	7,00	13,00	7,50	13,00	7,50	13,00	7,50	13,00	E

2	**SAFETY PROPERTIES**	**See safety data sheet, doc. 18.12.22.01_2**	Rev. E

N.B. Certificates as FSC & PEFC do not change the values indicated above.

FSC Certificate: SGSCH-COC-006153, SGSCH-CW-006153

PEFC Certificate: SGS-PEFC/COC-1494