

PRODUCT	DIALUX™			SUPERMATT™		
FRONT SURFACE	HIGH GLOSS PET-PREM			SUPER MATT PET-PREM		
TOP LAYER	NANO-TECNOLOGY COATING			NANO-TECNOLOGY COATING		
BACK SURFACE	SOLID COLOR MELAMINE			SOLID COLOR MELAMINE		
CORE	MDF CARB P2, 1E, LIGHT, WATER-PROOF AND FIRE-PROOF			MDF CARB P2, 1E, LIGHT, WATER-PROOF AND FIRE-PROOF		
THICKNESS	2.5 / 4.5 / 10.5 / 15.5 / 16.5 / 18.5 / 22.5 mm			2.5 / 4.5 / 10.5 / 15.5 / 16.5 / 18.5 / 22.5 mm		
SIZE	3050 / 2950 / 2800 x 1220 mm			3050 / 2950 / 2800 x 1220 mm		
DENSITY	UNI EN 323	Kg/m ³	860 / 780 / 560 ± 5%	UNI EN 323	Kg/m ³	860 / 780 / 560 ± 5%
THICKNESS TOLLERANCE	UNI EN 324-1	mm	± 0.2	UNI EN 324-1	mm	± 0.2
BENDING	UNI EN 310	N/mm ²	≥ 25	UNI EN 310	N/mm ²	≥ 25
MODULUS OF ELASTICITY	UNI EN 310	N/mm ²	± 2300	UNI EN 310	N/mm ²	± 2300
THICKNESS SWELLING	UNI EN 317	%	≥ 12	UNI EN 317	%	≥ 12

CHARACTERISTICS	DIAGNOSTIC SYSTEM	UNIT	VALUE	DIAGNOSTIC SYSTEM	UNIT	VALUE
GLOSS LEVEL	ISO 2813	GU	≥ 96	ISO 2813	GU	≤ 6
SCRATCH RESISTANCE	UNI EN 15186	N	0.9	UNI EN 15186	N	0.9
ABRASION RESISTANCE	UNI EN 9115/8	Level	5	UNI EN 9115/8	Level	5
WEAR RESISTANCE	TABER	Revolutions	3500	TABER	Revolutions	3500
BONDING STRENGTH	UNI EN 311	N/mm ²	1.86	UNI EN 311	N/mm ²	1.86
PERPENDICULAR STRENGTH TO TENSILE	UNI EN 319	N/mm ²	1.35	UNI EN 319	N/mm ²	1.35
RESISTANCE TO WET HEAT	UNI EN 12721	Level	5	UNI EN 12721	Level	5
RESISTANCE TO DRY HEAT	UNI EN 12722	Level	5	UNI EN 12722	Level	5
COLOUR FASTNESS (Blue wool)	UNI EN 15187	Level	> 6	UNI EN 15187	Level	> 6
WATER CONDENSED EXPOSION	UNI EN ISO 6270-2	Level	5	UNI EN ISO 6270-2	Level	5
RESISTANCE TO CHEMICALS	UNI EN 12720	Class	A	UNI EN 12720	Class	A
CLEANING PRODUCTS STRENGTH	TEST 06:2014	Level	5	TEST 06:2014	Level	5