

DESCRIPTION

DEFINITION

TECHNICAL PANEL COMPOSED WITH 100% BIRCH PLYWOOD CORE AND EXTERNAL FACES OF ALUMINIUM

QUALITY OF PRODUCTION

PANEL DEVELOPED AFTER EXACT CALIBRATION OF THE CORE. STICKING THE PLATES OF ALUMINIUM TO THE CORE IS MADE WITH GLUES PUR IN PRESS OF LAST GENERATION.

GLUING

CLASS III (EN 314-2)

COLOR / FINISH

ANY TYPE OF ALUMINIUM

FORMATS

THICKNESS	DIMENSIONS
FROM 9 MM TILL 70 MM	FROM 2440 * 1220 TILL 3050 * 1800

VARIANTS

PLATE OF RUBBER DPM INSIDE

ALUMINIUM ONLY ON ONE SURFACE (FOR THICKNESSES > 17)



CHARACTERISTICS

	UNIT	VALUE	STANDARDS
DENSITY	KG/M ³	1050 ± 50	UNE-EN 323
MODULUS OF ELASTICITY	LONGITUDINAL	>9.800 MPA	UNE-EN 310
	TRANSVERSE	>7.900 MPA	UNE-EN 310
RESISTANCE OF ELASTICITY	LONGITUDINAL	>92 MPA	UNE-EN 310
	TRANSVERSE	>78 MPA	UNE-EN 310
RESISTANCE TO UNSTUCK	MPA	96,5	UNE-EN ISO 178
ABSORPTION OF WATER AT 20°	%	2,31	UNE-EN ISO 62
RESISTANCE TO UNSTUCK BY TRACTION	N	2330	ASTM C 297
HUMIDITY	%	7,1	UNE-EN 322
RESISTANCE TO BOOTING SCREWS	DAN	340	UNE-EN 13446
DETERMINATION OF THE HEAT OF COMBUSTION	MJ/KG	15,84	UNE-EN ISO 1716
ACOUSTIC INSULATION	DBA	32,1 ± 1,0	UNE-EN ISO 140-3
REACTION TO FIRE		M1	STM-S-001 INDEX B UNE 23721 UNE-EN 13823 UNE-EN-ISO 11925-2 UNE-EN 9239-1
EMISSION OF SMOKE		F1	NF F 16-101 NF F 16-102 AFNOR NF-X70-100
DARKENING BY SMOKE		O1	ASTM E 662-83 NF X 10-702-1986

* INDICATED DATA ARE BASED ON THE TESTS REALISED IN THE INDEPENDENT LABORATORIES.

* THESE DATA ARE BASED IN SPECIFIC THICKNESSES OF THE CORE AND THE PLATES, THEREFORE THEY HAVE TO BE TAKEN ON THE ACCOUNT ONLY AS ORIENTATION.