Forest Trafic
[Technical boards]

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FOREST-MULTIPLY HPL ® BIRCH

DESCRIPTION

DEFINITION

TECHNICAL PANEL FORMED WITH 100% BIRCH PLYWOOD AS A CORE AND EXTERNAL SURFACES COATED BY HPL (HIGH PRESSURE LAMINATE)

QUALITY OF PRODUCTION

PANEL DEVELOPED AFTER EXACT CALIBRATION OF THE CORE. STICKING OF THE PLATES OF HPL IS DONE WITH GLUES PUR IN THE PRESS OF THE LAST GENERATION.

GLUING

CLASS III (EN 314-2)

COLOR / FINISH

ANY COLOR, TEXTURA, PHOTOGRAPHY OR DRAWING

FORMATS

THICKNESS	DIMENSIONS
FROM 9 MM TILL 70 MM	FROM 2440 * 1220 TILL 3100 * 1800

VARIANTS

SHEET OF RUBBER INSIDE (SANDWICH TYPE)
LAMINATED ONLY ON ONE SIDE (FOR THICKNESSES >17)

CARACTERISTICS

	UNIT	VALUE	STANDARTS
DENSITY	KG/M^3	**900 ± 50**	UNE-EN 323
MODULUS OF ELASTICITY	LONGITUDINAL	**>9.300 MPA**	UNE-EN 310
	TRANSVERSE	**>7.200 MPA**	UNE-EN 310
RESISTANCE OF ELASTICITY	LONGITUDINAL	**>85 MPA**	UNE-EN 310
	TRANSVERSE	**>65 MPA**	UNE-EN 310
RESISTANCE TO UNSTUCK	MPA	**96,5**	UNE-EN ISO 178
ABSORPTION OF THE WATER AT 20º	%	**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	**230**	UNE-EN 13446
DETERMINATION OF THE HEAT OF COMBUSTION	MJ/KG	**18,24**	UNE-EN ISO 1716
ACOUSTIC INSULATION	DBA	**29,1 ± 1,0**	UNE-EN ISO 140-3
REACTION TO THE FIRE		**M1**	STM-S-001 INDEX B UNE 23721 UNE-EN 13823 UNE-EN-ISO 11925-2 UNE-EN 9239-1
EMISSION OF THE SMOKE		**F1**	NF F 16-101 NF F 16-102 AFNOR NF-X70-100
DARKENING BY SMOKE		**01**	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.