

### DESCRIPTION

#### DEFINITION

WATERPROOF AND FIREPROOF PANEL 100% BIRCH

#### QUALITY OF PRODUCTION

THE PANEL IS MADE BY FIREPROOFING EACH PLY SEPARATELY WITH SPECIAL RESINS.

#### GLUING

CLASS III (EN 314-2)

#### COLOR / FINISH

SURFACE FINISH WHERE COULD BE SOME DEFECTS. THIS MATERIAL IS USED PREFERABLY COATED WITH HPL, METALS OR A PLY OF NATURAL WOOD.

#### FORMATS

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



### CARACTERISTICS

	UNIT	VALUE	STANDARDS
DENSITY	KG/M <sup>3</sup>	850 ± 50	UNE-EN 323
MODULUS OF ELASTICITY	LONGITUDINAL	>7.500 MPA	UNE-EN 310
	TRANSVERSE	>5.200 MPA	UNE-EN 310
RESISTANCE OF ELASTICITY	LONGITUDINAL	>75 MPA	UNE-EN 310
	TRANSVERSE	>63 MPA	UNE-EN 310
RESISTANCE TO UNSTUCK	MPA	96,5	UNE-EN ISO 178
ABSORPTION OF 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	198	UNE-EN 13446
DETERMINATION OF THE HEAT OF COMBUSTION	MJ/KG	18,24	UNE-EN ISO 1716
ACOUSTIC INSULATION	DBA	27,1 ± 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		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.