



KUIPER
HOLLAND

PRODUCT DATA SHEET



KUIPER PROTECT MDF FR

DIMENSION: 244X122 CM / 305X122 CM

WEIGHT: 630 KG/M³

THICKNESS: 9-12-15-18 MM

FIRE RESISTANT MDF / B-S1-D0 CERTIFIED

Scope

Fire retardant MDF for use in dry conditions.

Description

High-density MDF with fine sanded surface, particularly screwable core and excellent fire retardant properties. Suitable for industrial processing for interior decoration products and furniture production. Can be refined with paper, melamine, laminate or veneer. The board is heat- and fire-resistant and has low formaldehyde emission (E1 class). The board is used in particular in public buildings such as hospitals, airports, rest homes, theatres, hotels, etc. Firax withstands extreme heat and fire and has several national and international test reports.

Technical specifications

Technical characteristic + standard	Unit	Average values										
		6,0	9,0	10,0	12,0	15,0	16,0	18,0	19,0	22,0	25,0	30,0
Thickness EN 324-1	mm	6,0	9,0	10,0	12,0	15,0	16,0	18,0	19,0	22,0	25,0	30,0
Density EN 323	Kg/m ³	820	770	760	750	740	740	740	740	710	710	710
Bending strength EN 310	N/mm ²	35	35	35	35	35	35	35	35	30	30	30
Modulus of elasticity EN 310	N/mm ²	4000	3500	3500	3500	3500	3500	3500	3500	3500	3500	3500
Tensile strength EN 319	N/mm ²	0,80	0,75	0,70	0,70	0,65	0,65	0,65	0,65	0,60	0,60	0,60
Swelling/24h EN 317	%	20,0	15,0	13,0	10,0	9,0	8,0	8,0	7,0	8,0	9,0	9,0

Spanolux holds the following product certificates for Firax:

ISIB België: A1

UK, Warrington Fire: class 1

France, CSTB: M1

France, CSTB melaminated 80 to 160 g/m²: M1

Italy, Ministero del interno: Classe Prime

Spain, Applus: M1

USA, HPVA: C

Burnthrough time: 30 mm/hr or 0.5 mm/min

