



Kronobuild® Fibreboard

ENGINEERED FOR A GREAT FINISH

MDF, or "Medium Density Fibreboards" are manufactured in compliance with European standard EN 622-5. They are applicable particularly in furniture and indoor equipment production. Its special construction makes it suitable for further finishing (milling, lacquering, laminating and foiling). The Kronobuild® product line of fibreboards includes, as well as standard MDF, boards with specialist application properties – moisture resistant MR MDF, lightweight MDF, Fire Retardant FR MDF, Deep Router MDF and HDF types. These products apply particularly in construction applications but also in the furniture and packaging industries. All types of boards are defined in European standard EN 622-5.



Medium Density Fibreboard (MDF)



Medium Density Fibreboard (MDF) is engineered board produced from resin bonded wood fibers under high pressure and heat. MDF is a non-load-bearing product for interior use in dry conditions sanded to give a very fine surface, MDF is suitable for different coatings – veneering, laminating, painting and varnishing. Kronospan MDF can be used as a building material as a substitute for timber in non-load-bearing walls, ceilings, partitions etc.

Standard
EN 316; EN 622-5

Formaldehyde class
E1 (EN 120)

Applications
-Interior design
-Furniture components
-Decorative features
-Routing and machining
-Packaging
-Substitute of timber
-Cladding

Dimensions Size	Thickness	Boards per pack
2440 x 1220 / 3050 x 1220 mm	9 mm	90
2440 x 1220 / 3050 x 1220 mm	12 mm	68
2440 x 1220 / 3050 x 1220 mm	15 mm	54
2440 x 1220 / 3050 x 1220 mm	18 mm	45
2440 x 1220 / 3050 x 1220 mm	22 mm	37
2440 x 1220 / 3050 x 1220 mm	25 mm	32
2440 x 1220 / 3050 x 1220 mm	30 mm	27

Lightweight MDF



All the benefits of our standard MDF with particular applications where a lighter weight is desirable.

Standard
EN 316; EN 622-5

Formaldehyde class
E1 (EN 120)

Applications
- Interior design
- Furniture components
- Partitions
- Areas that require protection from moisture
- Cladding
- Exhibitions (displays, stands, kiosks)
- Packaging
- Retail and commercial applications
- Skirting boards / architrave
- Window boards / sills

Dimensions Size	Thickness	Boards per pack
2440 x 1220 mm	12 mm	68
2440 x 1220 / 3050 x 1220 mm	15 mm	54
2440 x 1220 / 3050 x 1220 mm	18 mm	45

Moisture Resistant MDF (MR MDF)



MDF MR are boards for non-load-bearing use in dry and humid conditions. MDF MR is manufactured in compliance with EN 622-5 as MDF HLS type and is defined as structural component for use in humid conditions for instantaneous or short-term periods of load only. Boards are particularly suitable for construction applications that require panels with high load-bearing capacity and moisture resistance and for a wide range of interior applications. The boards are produced with green-colored fiber as standard.

Standard

EN 316; EN 622-5

Formaldehyde class

E1 (EN 120)

Applications

- Interior design
- Furniture components
- Areas that require protection from moisture
- Window sills; Skirtings
- Decorative features
- Routing and machining

Dimensions Size	Thickness	Boards per pack
2440 x 1220 / 3050 x 1220 mm	9 mm	80
2440 x 1220 / 3050 x 1220 mm	12 mm	68
2440 x 1220 / 3050 x 1220 mm	15 mm	54
2440 x 1220 / 3050 x 1220 mm	18 mm	45
2440 x 1220 / 3050 x 1220 mm	22 mm	37
2440 x 1220 / 3050 x 1220 mm	25 mm	32

Fire Retardant MDF (FR MDF)



MDF FR are non-load-bearing boards with improved fire retardant properties and are manufactured in compliance with European standard EN 622-5 where they are defined as boards for general use in dry conditions. MDF FR is increasingly used particularly in public spaces where stringent fire regulations must be met. According to EN 13501-1 boards are classified B-s2, d0 in terms of reaction to fire.

Standard

EN 316, EN 622-5 - type MDF; EN 13501-1: class B-s2, d0

Formaldehyde class

E1 (EN 120)

Applications

- Cladding in public spaces with increased fire risk assessment requirements
- Non-load-bearing walls, ceilings and partitions
- Door production with increased fire risk evaluation
- Production of interior design elements
- Furniture applications in public spaces (libraries, schools, hospitals, cinemas) usually with increased fire risk assessment requirements

Dimensions Size	Thickness	Boards per pack
2440 x 1220 mm	12 mm	30
2440 x 1220 mm	18 mm	20

Deep Router MDF



Deep Router MDF is engineered board produced from resin bonded wood fibres under high pressure and heat. MDF is a non load-bearing product for interior use in dry conditions. Sanded to give a very fine surface, Kronobuild® Deep Router Grade MDF is ideal for use where a superior finish is required when routing deep into the core. Used primarily in kitchen and bedroom doors, deep router grade is also suitable for all high quality applications.

Standard

EN 316 , EN 622-1

Formaldehyde class

E1 (EN 120)

Applications

- Kitchen and Bedroom doors

Dimensions Size	Thickness	Boards per pack
2440 x 1220 mm	18 mm	32
2620 x 2070 mm	18 mm	32, 45

High Density Fibreboard (HDF)



HDF is an engineered board produced from resin bonded wood fibers under high pressure and heat. HDF is a non-load-bearing product for interior use in dry conditions. HDF, due to its very fine surface, is suitable for different coatings – veneering, laminating, painting and varnishing. Kronospan HDF is available in a variety of thicknesses, and a sanded surface to one or both sides.

Standard

EN 316; EN 622-1

Formaldehyde class

E1 (EN 120)

Applications

- Interior design
- Furniture applications
- Cupboard backs
- Draw bases
- Packaging
- Flooring base
- Sandwich panels

Dimensions Size	Thickness	Boards per pack
2440 x 1220 mm	3 mm	200
2440 x 1220 mm	4 mm	150
2440 x 1220 mm	6 mm	150