



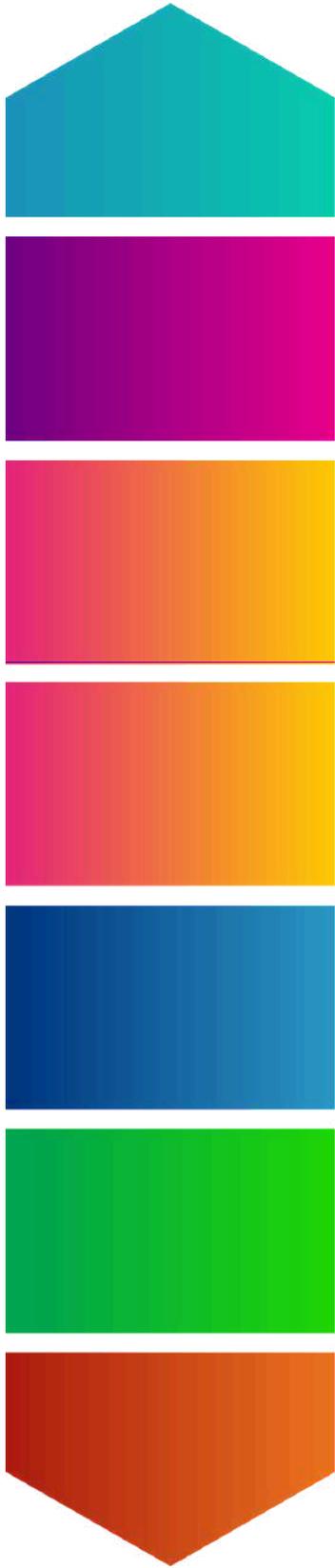
GATHA GLOBAL TRADERS
The Passport for Your Product

MDF
MEDIUM
DENSITY
FIBERBOARD

www.gathaglobaltraders.com

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COMPANY INFORMATION

MDF (MEDIUM DENSITY FIBERBOARD)



MDF (Medium Density Fiberboard) is a strong, uniform, and smooth engineered wood with a 600–800 kg/m³ density, offering durability, seamless finish, and easy customization.

In India, it is highly preferred for kitchen cabinets, wardrobes, and modern furniture due to its cost-effectiveness, termite resistance, and ability to hold laminates and paints well. Beyond furniture, it is also widely used in wall panels, partitions, doors, retail fixtures, and decorative applications, making it a versatile choice over plywood and particle board.

BEST FEATURES

- Smooth & Uniform Surface Finish
- Excellent Workability & Machinability
- High-Dimensional Stability
- Cost-Effective & Affordable
- Eco-Friendly & Sustainable

INTERIOR GRADE MDF



Interior Grade MDF is a premium engineered wood made from fine fibers and resin, pressed under heat and pressure to create a smooth, uniform surface for indoor use.

APPLICATIONS

Kitchen cabinets, wardrobes, modular furniture, Wall paneling, partitions, doors & shutters, display units, and decorative items.

AVAILABLE SIZES

(INCH)

96x48, 96x72, 72x48

THICKNESS RANGE

(INCH)

0.24, 0.35, 0.47, 0.63, 0.70, 0.98, 1.38

EXTERIOR GRADE MDF



Exterior Grade MDF is a high-performance board made with moisture-resistant resins, offering durability, dimensional stability, and resistance to termites, moisture, and fungal decay—ideal for humid and outdoor use.

APPLICATIONS

Kitchen shutters, bathroom vanities, wall cladding, partitions, signage, and outdoor furniture

AVAILABLE SIZES (INCH)

96x48, 96x72, 72x48

THICKNESS RANGE (INCH)

0.24, 0.35, 0.47, 0.63, 0.70, 0.98, 1.38

CARB P2 MDF



CARB P2 MDF (California Air Resources Board Phase 2 compliant MDF) is an engineered wood board manufactured with very low formaldehyde emissions, making it safer, eco-friendly, and suitable for indoor use.

APPLICATIONS

Educational, healthcare, kids' furniture, modular workstations, cabinets, retail fixtures, and museum paneling.

AVAILABLE SIZES

(INCH)

96x48, 96x72

THICKNESS RANGE

(INCH)

0.24, 0.35, 0.47, 0.63, 0.70, 0.98

PRE-LAMINATED MDF



Pre-laminated MDF is Medium Density Fiberboard with decorative laminate or melamine film bonded on both sides, eliminating the need for additional finishing. It offers ready-to-use, smooth, and aesthetic panels for furniture and interiors.

APPLICATIONS

Kitchen cabinets, wardrobes, home & office furniture, wall paneling, partitions, shelves, display units, and retail fixtures.

AVAILABLE SIZES (INCH)

96x48, 96x72, 72x48

THICKNESS RANGE (INCH)

0.24, 0.35, 0.47, 0.63, 0.70, 0.98, 1.38

BOARD SPECIFICATION & CALCULATION



Sheet size = 2440 mm × 1220 mm (8' × 4')

Board area = 2.9768 m²

Thicknesses computed: 12 mm, 18 mm, 25 mm (common commercial choices).

Volume per 8×4 board = 2.44 × 1.22 × thickness (m).

Container internal dims used (standard ISO internals):

- 20-ft: 5.898 × 2.352 × 2.393 m (floor area 13.8721 m²)
- 40-ft: 12.032 × 2.352 × 2.393 m (floor area 28.2993 m²)

Densities used (typical industry averages):

- General MDF / CARB P2: 730 kg/m³
- Interior grade: 700 kg/m³
- Exterior grade: 750 kg/m³
- Pre-laminated: base MDF 730 kg/m³ + assumed lamination add ≈ 3.0 kg per board (to account for decorative foil/film/resin on faces – adjust if you know exact laminate mass)

Weight-limited example numbers (for 25,000 kg and 28,000 kg payloads) show how many boards you could load before hitting that payload. Often for 40-ft containers, weight – not volume – will be the real limit (so you'll ship fewer than the pure volume count).

TABLE SHOWING EXPORT CAPACITY SUMMARY OF DIFFERENT TYPES OF MDF BOARDS

MDF (Medium Density Fiberboard)						
Thickness	Weight / board (kg)	20-ft (volume) boards	Total weight (volume) kg	40-ft (volume) boards	Total weight (volume) kg	Weight-limited boards (25k kg / 28k kg)
12 mm	26.00	796	20,757	1,791	46,703	958 / 1,073
18 mm	39.12	528	20,653	1,188	46,469	639 / 715
25 mm	54.33	380	20,784	855	46,456	459 / 515
Interior Grade MDF						
12 mm	25.25	796	20,106	1,791	45,199	990 / 1,108
18 mm	37.88	528	19,999	1,188	45,004	660 / 739
25 mm	52.76	380	20,05	855	45,063	473 / 530
Exterior Grade MDF						
12 mm	26.74	796	21,29	1,791	47,879	934 / 1,047
18 mm	40.11	528	21,168	1,188	47,639	623 / 698
25 mm	55.33	380	21,023	855	47,299	451 / 506
CARB P2 MDF						
12 mm	26.00	796	20,757	1,791	46,703	958 / 1,073
18 mm	39.12	528	20,653	1,188	46,469	639 / 715
25 mm	54.33	380	20,784	855	46,456	459 / 515
Pre-laminated MDF (PLAM / Decorative Lam)						
12 mm	29.00	796	23,153	1,791	52,09	859 / 962
18 mm	42.12	528	22,236	1,188	49,983	593 / 664
25 mm	57.33	380	21,784	855	49,014	436 / 488



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COMPANY INFORMATION

Supplier Name	GATHA GLOBAL TRADERS
Goods and Services Tax Identification Number	23AHAPN8012E1ZW
Importer Exporter Code	AHAPN8012E
Federation of Indian Export Organisations Registration Number	RCMC/FIEO/07781/2024-2025
Registered Office Address	R/10, JDA Plots, Near Kachnar City Gate No. 2, Vijay Nagar, Jabalpur, Madhya Pradesh, India, Pin code - 482002
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Email ID	rahulnema@gathaglobaltraders.com
Webiste	www.gathaglobaltraders.com
Bank Account Details	RECIPIENT NAME: GATHA GLOBAL TRADERS Bank Name: HDFC BANK Account Number: 50200093036091 Swift Code: HDFCINBBXXX Branch Address: No. 636 Main Road, 4, SBI Chowk, Vijay Nagar, Jabalpur, Madhya Pradesh, India, Pin Code: 482001

I hereby certify that the information in this document is accurate and meets the quality standards of our product. Our quality control team has thoroughly reviewed and verified the specifications and related details to ensure compliance with global quality standards and client requirements.

RAHUL NEMA
PROPRIETOR
GATHA GLOBAL TRADERS