



ISO 9001:2015

CARB : TPC6/CARB-ATCM / M005 – MDF002

JQA

IQID06001-006

# SPF PRODUCT SERIES STANDARD

EPA :

TPC6/EPA-TSCA / M005 – MDF002

No.

P A R - 0 1 - T Q A - 0 0 4

Effective Date :

17 February 2025

Approved by,

Plant Manager

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PT. Sumatera Prima Fibreboard



LDF

Light Density Fibreboard



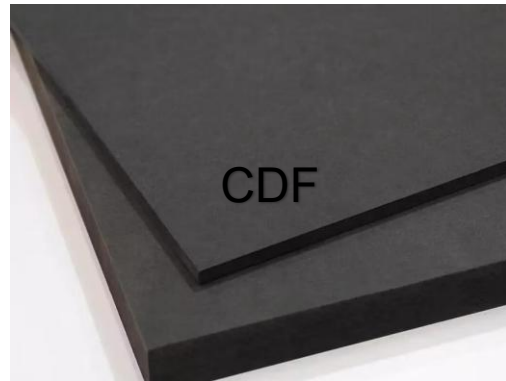
MDF

Medium Density Fibreboard



HDF

High Density Fibreboard



CDF

Compact Density Fibreboard

**Sumatra Prima Fibreboard** is made of rubber/mix wood that has been refined and provides a smooth finish. It is suitable for applications that require glossy surfaces or color coatings including built-in furniture and interior decoration as well as cornice molding and other curved details of woodworking. With the latest technology that we have, SPF can make the latest products classify into :

1. L - Series
2. M – Series (General Usage)
3. H – Series
4. CDF



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Each series offer all type of variations like :

- ❖ Moisture-Resistant (HMR)
- ❖ Fire-Retardant (FR)
- ❖ Exterior Grade
- ❖ Eco Grade

And also variants of emissions type :

- ❖ E2, E1, and E0
- ❖ CARB US EPA (P2)
- ❖ Class A and Class B EN
- ❖ JIS F\*\*\*\* , JIS F\*\*\* and JIS F\*\*
- ❖ NAF (Non Added Formaldehyde)

## L - SERIES

It is an engineered wood product made by light hardwood and specially developed panel which have significant decrease in weight (> 10%) while woodfibre maintaining physical and mechanical properties stability of conventional MDF board. This make L-series the perfect sense for online furniture applications , motor home and interior concept.

## M - SERIES

It is an engineered panel product made by rubber or MLH. It key characteristics :

Smooth Surface, Rense and strong and Easy to machine

Recommend Use :

- Furniture (Cabinets,Shelves Tablets and etc)
- Wall Panelling
- Door Skin
- Speaker Boxes
- Decorative Molding

## H - SERIES

H-SERIES is produced with high to make the board texture tight, stronger and harder and durable.

- ❖ High resistance to humidity / water
- ❖ Good dimensional stability
- ❖ Low swelling in extreme humidity



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## SPF SERIES

Properties	EN Method	Unit	L - SERIES	M - SERIES	H - SERIES
			Thickness (mm)		
			≥ 12 mm		
Density	EN 323	Kg/m <sup>3</sup>	560 - 600	650 - 690	≥ 700
Thickness Tolerance	EN 324 - 1	Mm	± 0.20	± 0.20	± 0.20
Moisture Content	EN 322	%	8 ± 3	8 ± 3	8 ± 3
Modulus of Rupture	EN 310	N/mm <sup>2</sup>	≥ 23	≥ 25	≥ 2800
Modulus of Elasticity	EN 310	N/mm <sup>2</sup>	≥ 2300	≥ 2500	≥ 2800
Internal Bonding	EN 319	N/mm <sup>2</sup>	≥ 0,45	≥ 0,55	≥ 0,70

## Formaldehyde Content

E0	BS EN ISO 12460	mg/100g	≤ 5
E1			≤ 8
E2			8 < FC < 30

## Formaldehyde Emission

CARB P2 & EPA TSCA Title VI	ASTM D 6007 : 2014	Ppm	≤ 0.11
JIS (F***)	JIS A 1460 : 2020	mg/L	Avg : 0,5 ; Max : 0,7
JIS (F****)			Avg : 0,3 ; Max : 0,4