

Wood Panel Specification Sheet

Film faced shuttering panel, commercial plywood, MDF and particle board — sheet sizes, thickness ranges, glue classes, grades and core species as published in the Kerns Group catalogue.

Film faced shuttering panel — 5 products

Film faced shuttering panel in black and brown, 9 to 21 mm, on poplar, combi, hardwood or birch cores with MR or WBP glue, in grades A and AA.

Product	Dimension	Face & Back	Glue	Grade	Core	Package	Features
Brown Film	1220*2440* 9/12/18 / 21MM 1250*2500* 9/12/18 / 21MM	Brown	MR/WBP	A, AA	Poplar/Combin e/Hardwood/ Birch	Pallet Packing	Waterproof, Durable
Black Film Plywood	1220*2440* 9/12/18 / 21MM 1250*2500* 9/12/18 / 21MM	Black/ Brown	MR/WBP	A, AA	Poplar/Combin e/Hardwood/ Birch	Pallet Packing	Waterproof, Durable
Brown Film Faced	1220*2440* 9/12/18 / 21MM 1250*2500* 9/12/18 / 21MM	Black/ Brown	MR/WBP	A, AA	Poplar/Combin e/Hardwood/ Birch	Pallet Packing	Waterproof, Durable
Black Film Faced	1220*2440* 9/12/18 / 21MM 1250*2500* 9/12/18 / 21MM	Black/ Brown	MR/WBP	A, AA	Poplar/Combin e/Hardwood/ Birch	Pallet Packing	Waterproof, Durable
Black Film	1220*2440* 9/12/18 / 21MM 1250*2500* 9/12/18 / 21MM	Black/ Brown	MR/WBP	A, AA	Poplar/Combin e/Hardwood/ Birch	Pallet Packing	Waterproof, Durable

Commercial plywood — 5 products

Commercial plywood from 3 to 40 mm in six core species, with MR, WBP, E1 and E2 glue classes, including okoume faced and hardwood core options.

Product	Dimension	Glue	Grade	Core	Package	Features	Face & Back
Commercial Plywood	1220*2440*3~ ~ 40MM 1250* 2500*3~~ 40MM	MR/WBP/E1/E 2	BB / BB, BB /CC	Poplar/Okoum e/Hardwood/ Birch/ Bintangor/Pine	Pallet Packing	Smooth, Flat Surface	—
Commercial Plywood 2	1220*2440*3~ ~ 40MM 1250* 2500*3~~ 40MM	MR/WBP/E1/E 2	BB / BB, BB /CC	Poplar/Okoum e/Hardwood/ Birch/ Bintangor/Pine	Pallet Packing	Smooth, Flat Surface	—
Commercial Plywood-1	TBC	TBC	TBC	TBC	TBC	TBC	TBC
Hardwood Plywood	1220*2440*3~ ~ 40MM 1250* 2500*3~~ 40MM	MR/WBP/E1/E 2	BB / BB, BB /CC	Hardwood	Pallet Packing	Smooth, Flat Surface	Poplar/Okoum e/Hardwood/ Birch/ Bintangor/Pine
Okoume Plywood	1220*2440*3~ ~ 40MM 1250* 2500*3~~ 40MM	MR/WBP/E1/E 2	BB / BB, BB /CC	Poplar/Okoum e/Hardwood/ Birch/ Bintangor/Pine	Pallet Packing	Smooth, Flat Surface	—

MDF — 5 products

Plain medium density fibreboard in 4 x 8 foot sheets from 2.5 to 36 mm, at 750-850 kg/m³, in E0, E1, E2 and MR glue classes.

Product	Size	Glue	Material	Density	Grade	Color	Package
Plain MDF 3	4" x 8" x 2.5MM -36MM	E0/E1/E2/MR	Poplar, Pine. Hardwood	750 -850kg /m ³	Furniture or Commercial	Green or White	Pallet Packing
Plain MDF 2	4" x 8" x 2.5MM -36MM	E0/E1/E2/MR	Poplar, Pine. Hardwood	750 -850kg /m ³	Furniture or Commercial	Green or White	Pallet Packing
MDF Board	4" x 8" x 2.5MM -36MM	E0/E1/E2/MR	Poplar, Pine. Hardwood	750 -850kg /m ³	Furniture or Commercial	Green or White	Pallet Packing
Plain MDF-1	TBC	TBC	TBC	TBC	TBC	TBC	TBC
Plain MDF	4" x 8" x 2.5MM -36MM	E0/E1/E2/MR	Poplar, Pine. Hardwood	750 -850kg /m ³	Furniture or Commercial	Green or White	Pallet Packing

Particle board — 5 products

Plain and melamine faced particle board in 1220x2440 and 1250x2500 mm sheets from 8 to 25 mm, in BB/BB and BB/CC grades.

Product	Dimension	Glue	Grade	Face & Back	Core	Package	Features
Particle Board 4	1220*2440*8~ ~ 25MM 1250* 2500*8~ 25MM	MR/E1/E2	BB / BB, BB /CC	Plain, Raw, All kinds of Melamine Paper, Wood Paper	Poplar/Okoum e/Hardwood/ Birch/ Bintangor/Pine	Pallet Packing	Smooth, Flat Surface
Particle Board 1	1220*2440*8~ ~ 25MM 1250* 2500*8~ 25MM	MR/E1/E2	BB / BB, BB /CC	Plain, Raw, All kinds of Melamine Paper, Wood Paper	Poplar/Okoum e/Hardwood/ Birch/ Bintangor/Pine	Pallet Packing	Smooth, Flat Surface
Particle Board-3	TBC	TBC	TBC	TBC	TBC	TBC	TBC
Particle Board-2	TBC	TBC	TBC	TBC	TBC	TBC	TBC
Particle Board	1220*2440*8~ ~ 25MM 1250* 2500*8~ 25MM	MR/E1/E2	BB / BB, BB /CC	Plain, Raw, All kinds of Melamine Paper, Wood Paper	Poplar/Okoum e/Hardwood/ Birch/ Bintangor/Pine	Pallet Packing	Smooth, Flat Surface

Glue class reference

Class	Meaning	Typical use
E0	Lowest formaldehyde emission class offered	Markets enforcing the strictest emission limits
E1	Standard low-emission class	General furniture and interior work
E2	Higher emission threshold	Markets without a strict limit — check destination regulation
MR	Moisture resistant	Dry interior use with occasional damp
WBP	Weather and boil proof phenolic bond	Formwork and repeated wet-cycle exposure

Emission classes are regulatory thresholds, not quality grades. Confirm the class your destination market enforces before ordering.

All data in this document is reproduced from the Kerns Group product specification. Where a figure is not published by the manufacturer it is marked TBC rather than estimated. Pricing depends on specification, quantity, destination port and Incoterm — send your requirement to sales@kerns-group.com or WhatsApp +86 139 0428 2548 for a quotation with a loading plan.