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Sheet Materials

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PRODUCT	DESCRIPTION	GRADE	TYPICAL USES	THICKNESS	ORIGIN			
Softwood Plywood	Bond Class 3	humid/ exterior	Elliottis Pine FSC Available	EN 636-2, EN 314-2 CLASS 3 CE2+ E1	C+/C B/B	Site hoarding, wall sheathing, floor and roof decking, concrete shuttering	12 and 18 mm	Brazil
			Pine faced Eucalyptus FSC Available	EN 636-3 EN 314-2 CLASS 3 CE2+ E1	CCX PTS	Site hoarding, wall sheathing, floor and roof decking, concrete shuttering	12 and 18 mm	Uruguay
			Chilean Radiata Pine PEFC	EN 636-2, EN 314-2 CLASS 3 CE2+ E1 BBA**	CD CPC BC	Walls, floors, ceilings, construction, flat roofs, roof decking, concrete shuttering	9,12,18,25 mm	Chile
			WISA Spruce PEFC	BS5268 part 2 (Load Bearing Properties) E1 EN 636-2, EN 314-2 CLASS 3 CE2+	II/III SE III/III SE EN III/III P30 CPC	Walls, floors, ceilings, construction, flat roofs, for timber frame market, roof decking, concrete shuttering	9 - 24 mm	Finland
			Vanerply PEFC	Russian Pine faces Poplar core EXT CE2+ E2 EN 636-2, EN 314-2 CLASS 2	C+/C	General purpose When sealing, must use oil based paint not water based*	18 mm	China
Flooring	Bond Class 2	humid/ exterior	T+ G2 Elliottis Pine FSC	EN 636-2, EN 314-2 CLASS 3 CE2+ E1 BBA	C+/C	Flooring	18 mm	Brazil
			T+ G2 Chilean Radiata Pine PEFC 8 x 4	EN 636-2, EN 314-2 CLASS 3 CE2+ E1 BBA**	BCTG2 CPCTG2	Flooring	18 mm and 15 mm	Chile
			T+ G4 Chilean Radiata Pine PEFC 8 x 2	EN 636-2, EN 314-2 CLASS 3 CE2+ E1 BBA**	BC TG 4	Flooring. Particularly suitable for DIY market	18 mm	Chile
			T+ G2 WISA Spruce PEFC	BS5268 part 2 (Load Bearing Properties) E1 EN 636-2, EN 314-2 CLASS 3 CE2+	II/III TG III/III TG	Flooring	15 / 18 mm	Finland
			T+ G2 Vanerply PEFC	EN 636-2, EN 314-2 CLASS 3 CE2+	CPC		18 mm	Sweden
Hardwood Faced	Bond Class 3 (similar to old WBP type)	humid/ exterior	Q Mark Chinese Hardwood Face Poplar Core VLO	EN 636-3, EN 314-2 CLASS 3 CE2+ E1 Eurocode 5	B/BB	Construction, fascias, soffits, exterior use, suitable for structural applications	5,5,9,12,18 mm	China
			Eucalyptus FSC Available	EN 636-3, EN 314-2 CLASS 3 CE2+ E1	CDX CCX BC	Site hoarding, wall sheathing, floor and roof decking, concrete shuttering	12, 18 mm	Uruguay
			Russian Birch Throughout Long grain FSC	CE2+ E1 EN636-3, EN 314-2 CLASS 3	BB/CP Same as BB/WG	Construction, fascias, soffits, exterior use, suitable for structural applications Flat roofs, floors, roof decking (Small pallet size)	6,5,9,12,18, 24 mm	Russia
			WISA-Twin PEFC Long grain (alternative to Russian Birch)	Birch faced, Spruce core, EN 636-2, EN 314-2 CLASS 3 CE2+ E1 Eurocode 5	BB / WG	Construction, fascias, soffits, exterior use, suitable for structural applications Flat roofs, floors, roof decking	12,18mm	Finland
			Brazilian Tropical Hardwood Throughout	CE2+ E1 EN 636-3, EN 314-2 CLASS 3	BB/CC	Construction, fascias, soffits, exterior use, structural uses, flat roofs, floors, roof decking	12, 18 mm	Brazil
			Malaysian Tropical Hardwood Throughout MTCS (PEFC)	CE2+ E1 EN 636-3, EN 314-2 CLASS 3	BB/CC	Construction, fascias, soffits, exterior use, suitable for structural applications, flat roofs, floors, roof decking (Large size available)	3.6 - 25 mm	Malaysia
			Chinese Hardwood faced	Redwood faces, Poplar core EXT CE2+ E2 EN 636-2, EN 314-2 CLASS 2	B/BB	General Purpose When sealing, must use oil based paint not water based *	3.6 - 25 mm	China
KRIS-Ply	Hardwood/Poplar EXT CE2+ E2 EN 636-2, EN 314-2 CLASS 2	B/BB	General Purpose When sealing, must use oil based paint not water based *	5.5 - 25 mm	China			
Concrete Formwork	Bond Class 3 (old WBP glue type)	humid/ exterior	Russian Birch Throughout Film Faced FSC (brown)	Phenolic film face ply. 2 sides edges sealed Birch throughout Matt finish CE 2+ E1	BB/CP	Concrete Shuttering/formwork Animal Houses (Pigs, Chickens) Non slip available	18mm	Russia
			FormPly Oiled	EN 636-2, EN 314-2 CLASS 3 E1	BBO+ES	Concrete Shuttering	18 mm	Brazil
			WISAFORM Medium Density Overlay PEFC	MDO paper faced one side Phenolic film reverse as balancer E1 Dyno 333 paper CE2+		Concrete Formwork	18 mm	Finland
			X-Form (black) Film Faced	Phenolic film face ply. 2 sides edges sealed Poplar throughout Matt finish exterior E2		Concrete Shuttering/formwork Animal Houses (Pigs, Chickens) Non slip available	12, 18 mm	China
			Xtra-form (brown)				18 mm	
Bridgeform Medium Density Overlay	MDO paper faced one side Phenolic film reverse as balancer E2 Dyno 333 paper		Concrete Formwork	18 mm	China			
Marine								
Marine MTCS (PEFC) available	BS 1088 part 1 2003 Marine Grade CE2+ E1 EN 636-3 EN 314-2 CLASS 3		Construction when specified, especially soffits/fascias Exterior. flat roofs, floors	6,9,12,18,25 mm	Malaysia			

PRODUCT		DESCRIPTION	GRADE	TYPICAL USES	THICKNESS	ORIGIN
(Krono or Smartply) PEFC	OSB	EN 300 BBA CE2+ Exterior Zero Formaldehyde	OSB 3	Window boarding, flooring, roof decking and sheathing on timber frame dwellings Site hoarding	18 mm	France Ireland
Sureflor 8 x 2 T+G4 PEFC		OSB3 with MDO 333 paper one side EN 300 CE2+ Exterior Zero Formaldehyde	OSB 3	Flooring	18 mm	France
Formyboard		OSB3 with phenolic film face one side EN 300 CE2+ Exterior Zero Formaldehyde	OSB 3	Concrete shuttering Cheap hoarding	18 mm	France
Kronospan FSC (Also available in 10x4 15 + 18 mm) MF MDF 8 x 4	MDF	Standard Class A E1 *Melamine faced will soon be available	Class A	Furniture industry Kitchen cabinets etc	9, 12, 15, 18, 25 mm	UK
Thin MDF 3 mm		2440 x 1220 x 3 mm				
Hardboard PEFC (Lionboard)	Hardboard	Standard, white and beige painted CE4 E1		Used in furniture and kitchen industry for back of cupboards etc Picture framing Under wooden floors	3 mm	Finland
Puhos Chipboard 8 x 2 T+G4 PEFC	Chipboard	Flooring Grade Chipboard	V313	Flooring	18 mm	Finland
Blockboard	Blockboard	Okoume faced MR Blockboard E2	B / BB	Non-Structural e.g. shelving	18 mm	China
Phonewell 1200 x 800mm	RESISTANT Products (see www.resistant.co.uk)	Cardboard and Silica Sand Reduces Airborne and Impact Sound		Ideal for home and commercial sound proofing	15 mm	Germany
Multi-Pro		Non-Combustible Internal / External board		High performance building board	3, 6, 9, 12 mm	China
Multi-Pro XS		High Strength Non-Combustible sheathing board		Structural racking board to BS EN 594 Portakabins	9, 12 mm	China
Render-Pro		External Render Carrier board.		Timber / Steel Frame	9, 12 mm	China
MoistSure		Use in high moisture areas and bathrooms. Suitable as tiling substrate.		Tile backer board 800 x 1200 x 12 mm (walls) 1200 x 1200 x 6 mm (floors)	6, 12 mm	China

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N.B. If to be used externally, all plywood must firstly be sealed on all edges and faces with an oil based paint or lacquer.

● This Plywood has full piece veneers in the core and so is recommended for cutting.

* Chinese plywood generally not recommended for cutting.

** BBA Applicable from early 2011.

Please note we are continually adding to our product range of sheet materials.



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SGS-COC-003168
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PEFC16-37-183



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Glossary of Terms - PLYWOOD

BS1088-1 2003	Marine plywood standard
BS5268 part 2	Load bearing standard - <i>to be replaced by EUROCODE 5</i>
CE2+	For structural applications, ie. walls, ceilings, floors etc. (included in CPD - EN13986)
CE4	For use in construction for NON structural applications (under above-mentioned CPD)
EN 13986	EU Directive for Construction Products (CPD)
E1	Lower formaldehyde level
E2	Higher formaldehyde level
EN 636	Classification of the species of plywood under EN 13986
EN 636 - 1	Species for interior conditions
EN 636 - 2	Species for humid conditions, or exterior if sealed with oil based paint
EN 636 - 3	Species for exterior conditions
EN 314-2	Classification of the bonding/glue under EN 13986
EN 314-2 CLASS 1	Glueline for interior conditions
EN 314-2 CLASS 2	Glueline for humid conditions, or exterior if sealed with oil based paint (NOT water based paints)
EN 314-2 CLASS 3	Glueline for exterior conditions <i>N.B. If to be used externally, all plywood must firstly be sealed on all edges and faces with an oil based paint or lacquer.</i>
FSC	Forest Stewardship Council (scheme certifying sustainability and legality)
MTCS / MTCC	Malaysian Timber Certification Scheme (comes under PEFC certification below)
PEFC	Programme for Endorsement of Forest Certification (scheme certifying sustainability and legality)
BBA	British Board of Agrément UK's major authority offering approval of construction products, systems and installers - we refer to BBA load bearing
VLO	Verified Legal Origin (standard verifying legal source)
Grades	Grade of face and back of sheet of plywood e.g. C+/C, B/C, B/B, B/BB, BB/CC etc
SE	Square edged
T + G	Tongue and groove



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