

PANEL PRODUCTS

PREMIUM QUALITY,
STRUCTURAL AND
NON STRUCTURAL
TIMBER PANELS



MetsäWood

PANEL PRODUCTS

Metsä Wood manufacture and distribute a comprehensive range of panel products. Whether you require structural panels, formwork, specialist or general application panels, we're confident we have a product to suit your requirements.

As a member of the Timber Trade Federation and we are a responsible timber purchaser using a Due Diligence system which is in line with EUTR requirements meaning all our panel products are EUTR compliant.

Our panel products are manufactured in compliance of relevant technical standards, where they are required to be CE marked, they are supported with the necessary documentation to demonstrate products conform to the harmonised technical specification EN 13986:2004

CE marking is a fit for purpose and not a quality mark - both customers and users can be reassured that they are selecting a product which is CE marked to the performance level which is suitable for the intended end use.

To comply with the Construction Products Regulation, Metsä Wood has created a dedicated database of DoP certificates for products that are manufactured and supplied by the Group. To access the full DoP library visit us at www.metsawood.com/dop and register.



SPRUCE PLYWOOD

METSÄ SPRUCE PLYWOOD



Metsä Spruce plywood is an extremely reliable and consistent board, renowned for being lightweight and having superior strength, stiffness and dimensional stability, which makes it an ideal constructional material for a range of requirements.

Metsä Spruce panels are strong, flat, lightweight and easy to work with. Each panel shows the “EN636-2 S” and “BS 5268-2:2002” marks and is CPD (Construction Products Directive) compliant which makes it ideal for most flooring, roofing and wall sheathing applications.

STRUCTURAL WITH SUPPORTING TEST DATA

DESCRIPTION	CERTIFICATION	NOMINAL (mm)	CODE
Sanded 3/3	PEFC	2440 x 1220 x 9	248181
Sanded 3/3	PEFC	2400 x 1200 x 12	248187
Sanded 3/3	PEFC	2440 x 1220 x 12	248178
Sanded 3/3	PEFC	2440 x 1220 x 18	248177
Sanded 3/3	PEFC	2400 x 1200 x 18	248183
Sanded 3/3	PEFC	2440 x 1220 x 24	248176
Sanded 3/3	PEFC	2440 x 1200 x 24	248190
Sanded 3/3/TG2LE	PEFC	2400 x 1200 x 18	248175
Sanded 3/3/TG2LE	PEFC	2400 x 1200 x 21	248184
Sanded 3/3/TG4	PEFC	2410 x 610 x 18	248185
Sanded 3/3/TG4	PEFC	2410 x 610 x 21	248186
U/S/S/E	PEFC	2400 x 1200 x 9	248180
3+/3	PEFC	2440 x 1220 x 18	248182



Conforms to BS EN636-2 S, BS 5268-2, CE2+, Euro code 5 (EN 1995),

Class E1.



METSÄ BIRCH PLYWOOD

DESCRIPTION	CERTIFICATION	NOMINAL (mm)	CODE
Birch throughout BB/WG Exterior	PEFC	1220 x 2440 x 6.5	248113
Birch throughout BB/WG Exterior	PEFC	1220 x 2440 x 9	248112
Birch throughout BB/WG Exterior	PEFC	1220 x 2440 x 12	248114
Birch throughout BB/WG Exterior	PEFC	1220 x 2440 x 15	-
Birch throughout BB/WG Exterior	PEFC	1220 x 2440 x 18	248116
Birch throughout BB/WG Exterior	PEFC	1220 x 2440 x 24	248115
Birch Large Press BB Exterior *	PEFC	1525 x 3050 x 6.5	-
Birch Large Press BB Exterior *	PEFC	1525 x 3050 x 9	-
Birch Large Press BB Exterior *	PEFC	1525 x 3050 x 12	-
Birch Large Press BB Exterior *	PEFC	1525 x 3050 x 18	-
Birch Large Press BB Exterior *	PEFC	1525 x 3050 x 24	-

Conforms to BS EN636-2 S, BS 5268-2, CE2+, Euro code 5 (EN 1995), Class E1. (excluding non-structural 6.5mm).

* Items available to order only. Minimum lead time 4-6 weeks.

STRUCTURAL WITH SUPPORTING TEST DATA



CHINESE EXTERIOR PLYWOOD

DESCRIPTION	FACE GRADE	NOMINAL (mm)	CODE
Chinese Exterior Plywood	Chinese B/BB	2440 x 1220 x 3.6	245851
Chinese Exterior Plywood	Chinese B/BB	2440 x 1220 x 5.5	245852
Chinese Exterior Plywood	Chinese B/BB	2440 x 1220 x 9	245853
Chinese Exterior Plywood	Chinese B/BB	2440 x 1220 x 12	245854
Chinese Exterior Plywood	Chinese B/BB	2440 x 1220 x 15	245855
Chinese Exterior Plywood	Chinese B/BB	2440 x 1220 x 18	245856
Chinese Exterior Plywood	Chinese B/BB	2440 x 1220 x 25	245857

Conforms to BS EN636-2, CE2+ and Class E1.



HARDWOOD PLYWOOD

DESCRIPTION	FACE GRADE	NOMINAL (mm)	CODE
Far Eastern Exterior	BB/CC	2440 x 1220 x 3.6	242722
Far Eastern Exterior	BB/CC	2440 x 1220 x 5.5	242723
Far Eastern Exterior	BB/CC	2440 x 1220 x 9	242721
Far Eastern Exterior	BB/CC	2440 x 1220 x 12	242717
Far Eastern Exterior	BB/CC	2440 x 1220 x 18	242719
Far Eastern Exterior	BB/CC	2440 x 1220 x 25	242720

Conforms to BS EN636-3 and CE2+.



CHINESE Q MARK CE2+ FSC PLYWOOD

DESCRIPTION	FACE GRADE	NOMINAL (mm)	CODE
Chinese Q Mark CE2+ FSC	BB/CC	2440 x 1220 x 3.6	247489
Chinese Q Mark CE2+ FSC	BB/CC	2440 x 1220 x 5.5	247490
Chinese Q Mark CE2+ FSC	BB/CC	2440 x 1220 x 9	247491
Chinese Q Mark CE2+ FSC	BB/CC	2440 x 1220 x 12	247492
Chinese Q Mark CE2+ FSC	BB/CC	2440 x 1220 x 15	247493
Chinese Q Mark CE2+ FSC	BB/CC	2440 x 1220 x 18	247494
Chinese Q Mark CE2+ FSC	BB/CC	2440 x 1220 x 25	247495

Conforms to BS EN636-3, CE2+ and Class E1.

STRUCTURAL WITH SUPPORTING TEST DATA



SOFTWOOD EXTERIOR PLYWOOD

DESCRIPTION	CERTIFICATION	NOMINAL (mm)	CODE
Sanded Exterior (Elliottis Pine CE4)	FSC	2440 x 1220 x 9	243171
Sanded Exterior (Elliottis Pine CE4)	FSC	2440 x 1220 x 12	243170
Sanded Exterior (Elliottis Pine CE4)	FSC	2440 x 1220 x 18	243169
Sanded Exterior (Elliottis Pine CE4)	FSC	2440 x 1220 x 25	244588
Sanded Structural (Elliottis Pine CE2+)	FSC	2440 x 1220 x 12	244940
Sanded Structural (Elliottis Pine CE2+)	FSC	2440 x 1220 x 18	244325

Sanded Exterior conforms to BS EN636-2 and CE4.

Sanded Structural conforms to BS EN636-2 S, BBA, CE2+ and Class E1.

STRUCTURAL WITH SUPPORTING TEST DATA



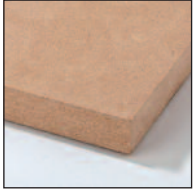
MARINE PLYWOOD

DESCRIPTION	NOMINAL (mm)	CODE
Marine plywood	2440 x 1220 x 6	242727
Marine plywood	2440 x 1220 x 9	242728
Marine plywood	2440 x 1220 x 12	242729
Marine plywood	2440 x 1220 x 18	242725
Marine plywood	2440 x 1220 x 25	242726

Conforms to BS EN636-3, BS 1088, CE2+ and Class E1.



OTHER PANEL PRODUCTS



MDF

DESCRIPTION	CERTIFICATION	NOMINAL (mm)	CODE
MDF	FSC	2440 x 1220 x 3	243136
MDF	FSC	2440 x 1220 x 6	243137
MDF	FSC	2440 x 1220 x 9	243138
MDF	FSC	2440 x 1220 x 12	243447
MDF	FSC	2440 x 1220 x 15	243709
MDF	FSC	2440 x 1220 x 18	243149
MDF	FSC	2440 x 1220 x 22	243997
MDF	FSC	2440 x 1220 x 25	243859
MR MDF	FSC	2440 x 1220 x 9	243146
MR MDF	FSC	2440 x 1220 x 12	245479
MR MDF	FSC	2440 x 1220 x 18	245481
MR MDF	FSC	2440 x 1220 x 25	245483
STD MDF	FSC	3050 x 1220 x 6	243159
STD MDF	FSC	3050 x 1220 x 9	243161
STD MDF	FSC	3050 x 1220 x 12	244531
STD MDF	FSC	3050 x 1220 x 25	243164

Conforms to EN622-5, Class E1



SUNDEALA BOARD

DESCRIPTION	NOMINAL (mm)	CODE
K Medium Board	2440 x 1220 x 9	242043

Conforms to EN622-3.



OSB

DESCRIPTION	CERTIFICATION	NOMINAL (mm)	CODE
OSB 2	FSC	2440 x 1220 x 8	243156
OSB 2	FSC	2440 x 1220 x 11	243152
OSB 2	FSC	2440 x 1220 x 15	243155
OSB 2	FSC	2440 x 1220 x 18	243154
OSB 3	FSC	2400 x 1200 x 9	243157
OSB 3	FSC	2440 x 1220 x 11	243153
OSB 3	FSC	2440 x 1220 x 15	243151
OSB 3	FSC	2440 x 1220 x 18	243150
OSB 3 TG4E	FSC	2440 x 590 x 18	243158

OSB 2 conforms to EN300.
OSB 3 also conforms to BS EN5268-2, BBA and Class E1.

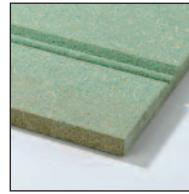
 **STRUCTURAL WITH SUPPORTING TEST DATA**



INSULATION BOARD

DESCRIPTION	CERT	NOMINAL (mm)	CODE
Insulation board	PEFC	2440 x 1220 x 12	242715

Conforms to BS EN622-2.



MDF MATCHINGS AND SCREENINGS – ULTRAMATCH

DESCRIPTION	CERT	NOMINAL (mm)	CODE
Grooved	MR	1220 x 2440 x 9	246309
Grooved TG2LE	MR	2440 x 600 x 9	246306

Conforms to EN622-5, Class E1.
MR = Moisture Resistant



FLOORING GRADE CHIPBOARD

DESCRIPTION	CERTIFICATION	NOMINAL (mm)	CODE
Flooring Grade P5	FSC	2400 x 600 x 18	243160
Flooring Grade P5	FSC	2400 x 600 x 22	243162
Caberdeck	FSC	2400 x 600 x 18	243209
Caberdeck	FSC	2400 x 600 x 22	243210

Conforms to EN312, BBA and Class E1.

 **STRUCTURAL WITH SUPPORTING TEST DATA**



STANDARD CHIPBOARD

DESCRIPTION	CERTIFICATION	NOMINAL (mm)	CODE
Standard Grade P1	FSC	2440 x 1220 x 12	243165
Standard Grade P1	FSC	2440 x 1220 x 18	243163

Conforms to EN312, Class E1.



HARDBOARD

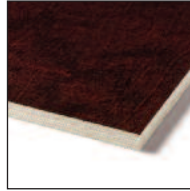
DESCRIPTION	CERT	NOMINAL (mm)	CODE
Standard Grade	PEFC	2440 x 1220 x 3.2	244110
Oil Tempered	PEFC	2440 x 1220 x 3.2	244715

Conforms to BS EN622-5, Class E1.



NOTE: * ITEMS AVAILABLE TO ORDER ONLY. MINIMUM LEAD TIME 4-6 WEEKS.

FORMWORK PANELS



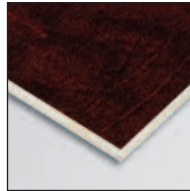
METSÄ FORM PLYWOOD

A superior birch plywood formwork panel with a double-sided phenolic overlay for repeated smooth casting. These double-sided, superior shuttering panels are overlaid with a smooth, hard, and slippery phenolic film for easy concrete casting and trouble-free release.



DESCRIPTION	CERTIFICATION	NOMINAL (mm)	CODE
Form 120g/m2/120g/m2 Birch T/O smooth/smooth	PEFC	1220 x 2440 x 9	248141
Form 120g/m2/120g/m2 Birch T/O smooth/smooth	PEFC	1220 x 2440 x 12	248140
Form 120g/m2/120g/m2 Birch T/O smooth/smooth	PEFC	1220 x 2440x 18	248111

Conforms to BS EN636-3, BS 5268-2, CE2+ and Euro code 5 (EN 1995), Class E1.



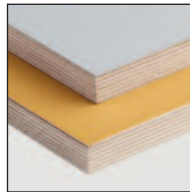
METSÄ FORM PLUS PLYWOOD

Metsä Form Plus is a Form plywood formwork panel specially designed to be used in the system shuttering replacement panel market. It has an especially durable smooth phenolic surface overlay with anti-ripple qualities. This can be ordered as a ready-made component.



AVAILABLE TO ORDER ONLY*

Conforms to BS EN636-3, BS 5268-2, CE2+, Euro code 5 (EN 1995), Class E1.



FORM XL BIRCH PLYWOOD

Produced to a larger size, the Form XL is a larger size Form birch plywood formwork panel with a one-piece surface overlay. The maximum size is 6000mm x 2200mm. Extremely durable overlays and large panel sizes ensure multiple uses and a high quality finish with fewer joints.



AVAILABLE TO ORDER ONLY*

Conforms to BS EN636-3, BS 5268-2, CE2+, Euro code 5 (EN 1995), Class E1.



3PLUS/III

A cost-effective single-sided spruce plywood panel for concrete shuttering. The strength and rigidity of 3Plus/III comes from the Nordic coniferous veneers from which it is constructed. 3Plus/III is a good all-round formwork panel where short-term cost-effectiveness is a priority.



AVAILABLE TO ORDER ONLY*

DESCRIPTION	CERTIFICATION	NOMINAL (mm)	CODE
3+/3	PEFC	2440 x 1220 x 18	248182

Conforms to BS EN636-2, BS 5268-2, CE2+, Euro code 5 (EN 1995), Class E1.



PLASTFORM® 333 MDO FSC

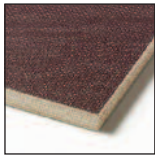
Plastform 333 MDO is manufactured using an engineered mixture of wood species which allows the highest design strength, rigidity and dimensional stability. 'Arclin 333' MDO is also used in the manufacturing process which gives it greater chemical resistance than traditional MDO's, increasing the number of uses.



DESCRIPTION	CERTIFICATION	NOMINAL (mm)	CODE
Plastform 333 MDO	FSC	2440 x 1220 x 17.5	24818

Conforms to BS EN636-2, BS 5268-2, CE2+, Euro code 5 (EN 1995), Class E1.

SPECIALIST PANELS



METSÄ DECK/FLOOR

A durable, multi-purpose birch plywood panel with a mesh pattern overlay on the face side and a smooth phenol reverse, resists most common chemicals and can be cleaned with water or steam.

A heavy-duty panel with a long-lasting mesh pattern overlay producing enhanced slip resistance. Applications include vehicle floors, warehouse and factory hall floors, loading docks etc.



METSÄ DECK

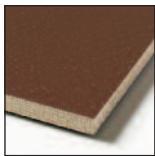
DESCRIPTION	CERTIFICATION	NOMINAL (mm)	CODE
Deck 220 Birch T/O D B *	PEFC	1220 x 2440 x 9	248117
Deck 220 Birch T/O D B *	PEFC	1220 x 2440 x 12	248118
Deck 220 Birch T/O D B *	PEFC	1220 x 2440x 18	248129

Conforms to BS EN636-3, BS 5268-2, Euro code 5 (EN 1995) and Class E1.

METSÄ FLOOR

AVAILABLE TO ORDER ONLY*

Conforms to BS EN636-3, BS 5268-2, Euro code 5 (EN 1995) and Class E1.



METSÄ TOP

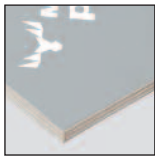
An extremely durable birch plywood panel overlaid with patterned phenolic film. Ideal for applications that require high visual quality wear-resistant surfaces. Applications include vehicle floors, ship decking, warehouse and factory hall floors, loading docks and warehouse shelves.



METSÄ TOP

AVAILABLE TO ORDER ONLY*

Conforms to BS EN636-3, BS 5268-2, CE2+, Euro code 5 (EN 1995) and Class E1.



METSÄ PHOENIX

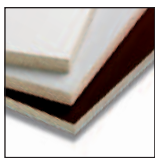
Phoenix plywood panels provide specialist fire and sound protection for the transport industry. Phoenix has a special lacquered aluminium surface that allows the material to be painted or overlaid for specific end use requirements. Phoenix is an excellent choice for various applications in the transport industry, like railway wagons and bus floors.



METSÄ PHOENIX

AVAILABLE TO ORDER ONLY*

Conforms to BS EN636-3, BS 5268-2, CE2+, Euro code 5 (EN 1995) and Class E1.



METSÄ FLEX

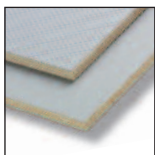
A birch plywood panel with a special thermoplastic overlay. It is suitable for various demanding indoor and outdoor applications. A superb combination of technical properties with high class surfaces makes it an excellent panel for various applications in the transport industry, like horse trailers and van linings. Building applications include furniture, shop-fittings, playground equipment and fencing.



METSÄ FLEX

AVAILABLE TO ORDER ONLY*

Conforms to BS EN636-3, BS 5268-2, CE2+, Euro code 5 (EN 1995) and Class E1.



METSÄ TUFF

Metsä Tuff is a birch plywood panel with a special thermoplastic overlay suitable for indoor and outdoor flooring applications. The combination of technical properties with a high class surface makes Metsä Tuff an excellent panel for applications including flooring for vans and light trailers, industrial shops, kitchens and playground furniture.



METSÄ TUFF

AVAILABLE TO ORDER ONLY*

Conforms to BS EN636-3, BS 5268-2, CE2+, Euro code 5 (EN 1995) and Class E1.

NOTE: * ITEMS AVAILABLE TO ORDER ONLY. MINIMUM LEAD TIME 4-6 WEEKS.

GENERAL INFORMATION

PANEL PRODUCT TYPES AND CHARACTERISTICS

PANEL TYPE	HARDWOOD	SOFTWOOD	OTHER	STRUCTURAL RATING	TEST DATA TO SUPPORT STRUCTURAL STATUS FOR SPECIFIC END USE	GLUE LINE (EN314 PT2)	EMISSIONS CLASS	SUSTAINABILITY ACCREDITATION	FACE/BACK GRADE
Metsä Spruce Plywood		•		BS EN 636-2 S, BS 5628-2, CE2+	Yes	EN314 pt 2 CLS 3	E1	PEFC	III / III
Metsä Birch Plywood (excl. 6.5mm)	•			BS EN 636-2 S, BS 5628-2, CE2+	Yes	EN314 pt 2 CLS 3	E1	PEFC	BB / WG
Elliottis Pine Plywood CE4		•		EN 636-2, CE4	No	EN314 pt 2 CLS 3	E1	FSC	C+ / C
Elliottis Pine Plywood CE2+		•		BS EN 636-2 S, CE2+ BBA	Yes	EN314 pt 2 CLS 3	E1	FSC	C+ / C
Chinese Exterior Plywood	•			EN 636-2, CE2+	No	EN314 pt 2 CLS 2	E1	None	B/BB
Chinese Q Mark Plywood	•			EN 636-3, CE2+	Yes	EN314 pt 2 CLS 3	E1	FSC	BB/CC
Hardwood Plywood	•			CE2+	No	EN314 pt 2 CLS 3	E1	None	BB/CC
Marine Plywood	•			EN 636-3, BS 1088, CE2+	No	EN314 pt 2 CLS 3	E1	None	BB/CC
UK MDF		•		No	N/A	UF / MUF	E1	FSC	N/A
UK OSB 2 Load-bearing dry conditions		•		No	N/A	MUPF / PMDI	E1	FSC	N/A
UK OSB 3 Load-bearing humid conditions		•		BS 5268-2, BBA, EN 300	Yes	MUPF / PMDI	E1	FSC	N/A
P1 Chipboard			Recycled	No	N/A	UF	E1	FSC	N/A
P5 Chipboard Flooring			Recycled	BBA	Yes	MUF	E1	FSC	N/A
Caberdeck Flooring			Recycled	BBA	Yes	MUF	E1	FSC	N/A
Versapanel	N/A	N/A	Cement Particle Board	N/A	N/A	N/A	N/A	FSC	N/A
Hardboard		•		N/A	N/A	Wood Fibre / Water	E1	PEFC	N/A
Sundeala	N/A	N/A	Recycled Newspaper	N/A	N/A	N/A	N/A	None	N/A

ABBREVIATIONS: UF-UREA FORMALDEHYDE. MUF-MELAMINE UREA FORMALDEHYDE. MUPF-MELAMINE UREA PHENOL FORMALDEHYDE.

EUROPEAN UNION TIMBER REGULATION (EUTR)

All our panel products are EUTR compliant, a regulation designed to combat the trading and harvesting of illegal timber. Metsä Wood use a recognised due diligence tool which analyses the risk of illegal timber entering the supply chain.

CE MARKING

The CE mark is a fitness for purpose, not a quality mark. CE marking, along with the supporting documentation, is the way for manufacturers to demonstrate that their products conform to a harmonised technical specification and therefore the CPD (Construction Products Directive). The technical specification to permit CE marking of plywood is EN13986 - Wood based panels for use in construction.

CE2+



Is a standard for the structural testing of panel products, but is only applicable to the test undertaken. If the panel is to be used for flooring, roofing or wallsheathing, test data applicable to these specific end uses should be available on request. If in doubt, ask. It is the manufacturer's responsibility to provide the structural test data to support the CE2+ claim. If the mill or supplier cannot provide the relevant test information and show that the test is applicable to the required end use, i.e. Walls, Floors and Roofs, it is not an appropriately tested product for these end uses even if it carries a CE2+ mark. Structural data should consist of bending strength and stiffness, compression, tension and shear strength, impact resistance and point load.

BBA CERTIFIED



Selecting BBA approved products is a sure way to avoid problems at a number of stages in the building process. BBA approved products will meet the criteria set out in the relevant Agrément Certificates to ensure the approved specification is met.

EN636

Species must comply with 1 of 3 performance classes within EN636. The three classes are as follows:

- **EN636-1**
Class 1, plywood will not delaminate in interior conditions (warm roofs, intermediate floors, timber frame and partition walls).
- **EN636-2**
Class 2, plywood will not delaminate in humid conditions or if it is to be used externally. Plywood should be treated or covered (cold roofs, ground floors, timber frame external walls).

- **EN636-2S**

Structural plywood with test data available to support structural status for specific end use.

- **EN636-3**

Class 3, plywood will not break up in exterior weather conditions (fully exposed service conditions).

EN314 PART 2

Glue Bond, this is divided into 3 parts:

- **EN314 CLASS 1**

Dry conditions, appropriate for normal interior use. Replaces MR plywood.

- **EN314 CLASS 2**

Humid conditions, appropriate for protected external applications, capable of resisting weather exposure for short periods of time. Also suitable for interior use where the moisture level is raised above Class 1. Replaces Type 1.

- **EN314 CLASS 3**

Exterior conditions, able to withstand weathering conditions and liquid water over sustained periods of time.

BS1088

British standard covering the technical requirements for Marine plywood.

BS EN300

Applies to OSB and is the standard applicable for dimensional tolerances, humidity, moisture, swelling, thickness, strength of materials, bending, modulus of elasticity, tensile strength.

E1 EMISSIONS CLASS

Covers the amount of formaldehyde released by the glue line. The glue used in plywood construction is a significant part of the cost make-up. A way to reduce that cost is to use more formaldehyde in the glue thus increasing the formaldehyde released by a panel. 'Non Interior' and 'External Use Only' is generally a sign that the panel has an E2 or worse formaldehyde rating. Boards of Class E1 can be used both internally and externally and will have less chance of causing irritation. Boards with an E1 rating in an internal situation will cause no greater concentration than 0.1 ppm of formaldehyde, conforming to the guidelines of the World Health Organisation.

For more information and a list of stockists in your area visit www.metsawood.co.uk or call 0800 00 44 44

Metsä Wood is a wood products company delivering service-oriented solutions developed in collaboration with its customers. Its premium solutions are based on ecological, high quality Nordic wood as a raw material.

Wood is the only building material that is truly renewable, if well managed. Forest certification schemes give assurance that the timber is legal and from sustainable sources. Metsä Wood sources certified timber over uncertified and is an approved Chain of Custody supplier.

MW0196 Jan 14.

The photographs in this brochure are for illustration purposes only.

Metsä Wood reserves the right to change the range without notice.

Every effort has been made to ensure that colours are accurate within the limitations of natural lighting conditions and the four colour printing process.

METSÄ WOOD

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