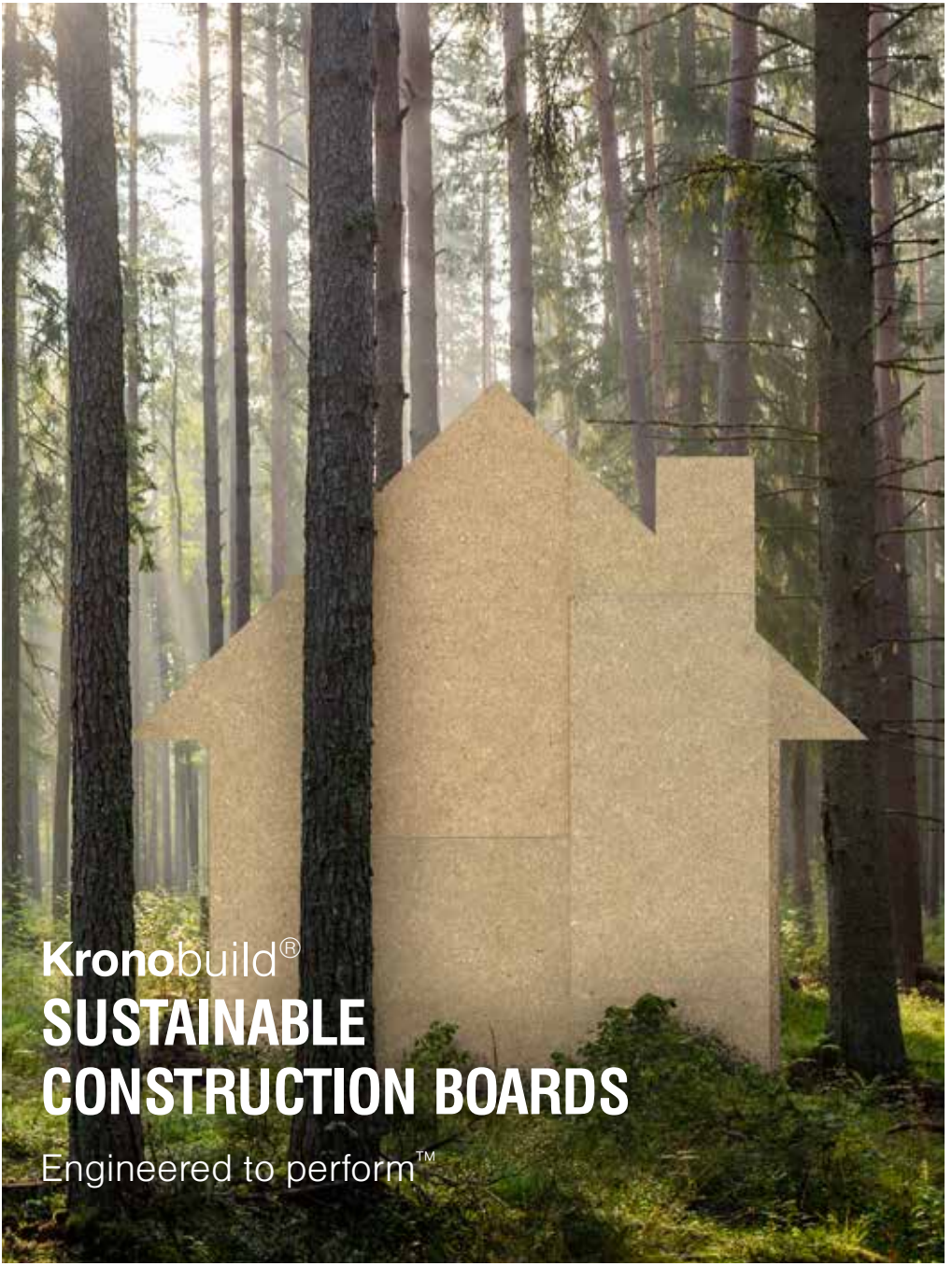
Kronobuild®
SUSTAINABLE
CONSTRUCTION BOARDS
Engineered to perform™

At Kronobuild® we provide the UK construction and manufacturing industries with one of the most comprehensive ranges of wood-based panel products.

All our boards are designed to improve building performance. Our ranges include both structural and non-structural products, all made with certified systems for quality, environment and product testing.

Our construction boards are manufactured from recycled or sustainably sourced wood, with close to zero waste. Kronobuild® board products are 100% recyclable and carbon negative (climate positive).

We maintain our leadership role by constantly reviewing and upgrading our products and processes, concluding a £450 million investment program over the last ten years

Add to this the experience gained from 115 years in the timber industry, allied with the resources of over 45 manufacturing sites around the world and you have an unbeatable wealth of knowledge and capability at your disposal.

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Kronobuild®



ENGINEERED FOR VERSATILITY

The Kronobuild® product range has evolved to become a total source of high quality, multi-functional construction boards, from particleboard (PB) and OSB to specialist T&G flooring like Fast Protect or new P6 Novopan Climate Flooring. We also offer a range of MDF and HDF products ideal for furniture production and other internal fittings. All are sustainably produced to fulfil the requirements of the final use in floors, walls and roofing. The P5 & P2 particleboard, MDF and HDF boards are manufactured at our own factory in the UK, ensuring quality and also reducing the transport miles involved in their production.



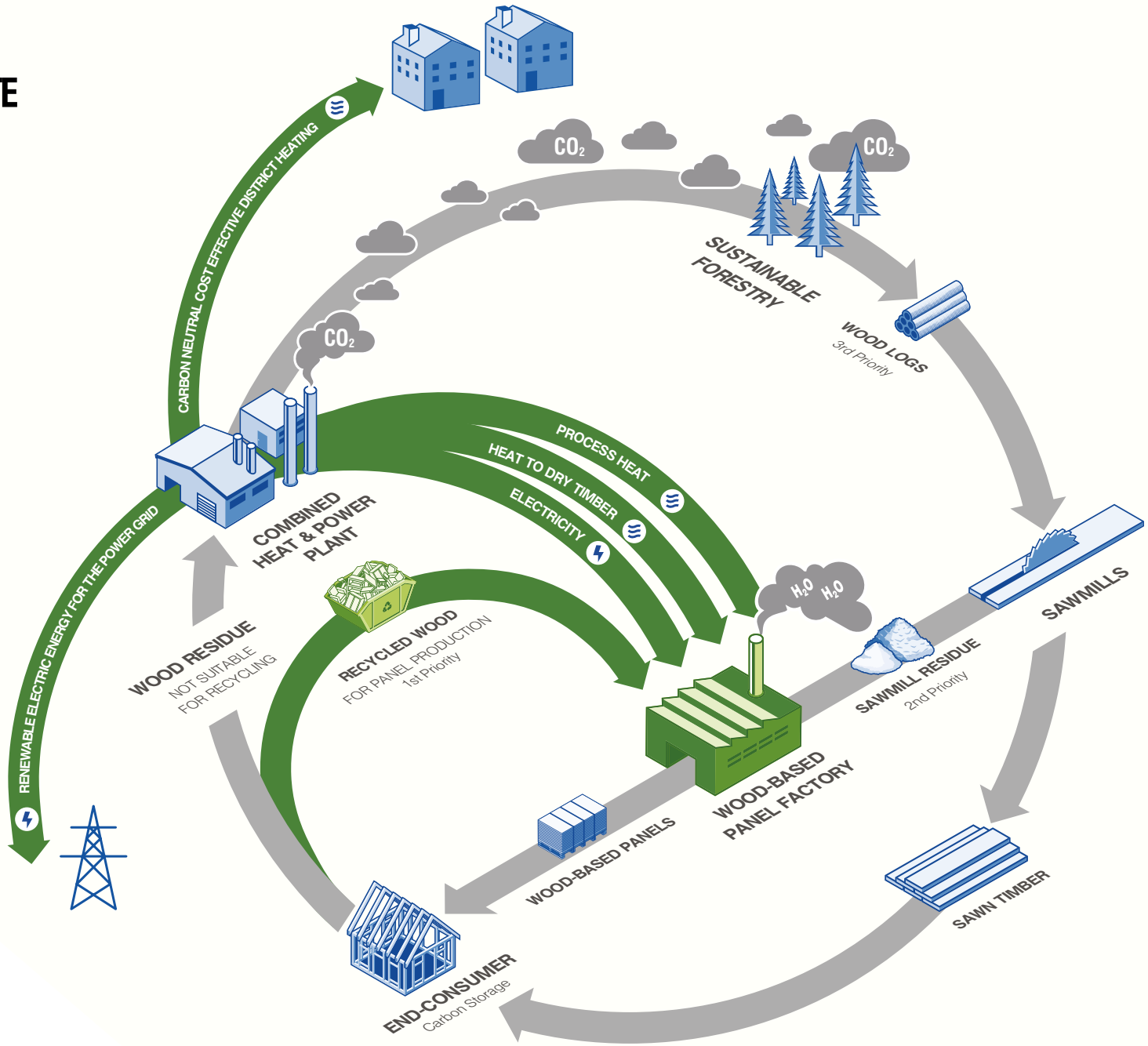


Kronobuild®

COLLECT, RECYCLE, REUSE – STRIVING FOR A ZERO-WASTE ECONOMY

Wood-based panel production is a great way to introduce and maintain the principles of the circular economy. That means we can recycle, bringing back into production a material that has already been used. We have created a technological and business environment that allows us to introduce the recycled wood into a wider product portfolio. In the process of sourcing wood in our work, we have established clear priorities: 1st choice - recycled wood; 2nd choice - sawmill residue; 3rd choice - sustainable forestry wood.

The production process incorporates a new system of drying wood strands at natural low temperature and making maximum use of recycled wood, thus dramatically reducing CVOCs. The recycled material is cleaned, refined, analyzed and sorted. The rest of the material is used by our biomass cogeneration facilities and fully incorporated into the production process of the factory. In this way all the available material is utilised efficiently. Thanks to newly-built combined heat and power plants, we not only cover our own heating needs, but more importantly we generate considerable electrical power. So as well as delivering high quality product that is fully recyclable, we can also supply electricity and heat. Through this circular economy concept we use recycled material to create a product that can itself be easily recycled and we also construct an entire technological “ecosystem” that benefits nature and society.



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PEFC
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Promoting Sustainable Forest Management
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Circularity



Kronobuild® OSB

Engineered for strength & stability

Oriented strand board (OSB) is structural and sustainable, replacing plywood - especially for timber framed houses, creating new applications and substituting environmentally less friendly products for roofs, walls and floors. The result is a strong board that resists moisture with a high load capacity. Flexible yet robust, OSB board is used for many applications.

OSB 3 Fast Clean T&G



Kronobuild® OSB 3 has evolved as a structural, load bearing T&G board ideal for flooring and roofing. It's easy to work with and quick and easy to install, the Fast Clean OSB 3 T&G flooring adds the benefit of a protective layer that can be peeled off at the completion of the build. It has the major approvals and certification required and has BBA approval for up to 60 days exposure when correctly installed

Standard
EN 300 - type OSB 3; EN 13501-1: class D-s2,d0

Formaldehyde class
E1 (EN 13986)

Applications
- For use in domestic and non-domestic applications

Dimensions Size	Thickness	Boards per pack
2400 x 600mm 18mm	18mm	86

OSB 3 Flooring



Kronobuild® OSB 3 Flooring with Tongue and Groove profiling, high load-bearing capacity, durability and resistance, makes it the ideal flooring type.

Kronobuild® OSB 3 flooring and roofing type also carries the independently approved BBA certificate.

Standard
EN 300 - type OSB 3; EN 13501-1: class D-s2,d0

Formaldehyde class
E1 (EN 13986)

Applications
- Floors for the building trade

Dimensions Size	Thickness	Boards per pack
2400 x 600mm	18mm	86

Kronobuild® OSB

OSB 3



Kronobuild® OSB 3 is designed for use where a high performance board is required which provides dimensional stability and load bearing capabilities suited for use in dry and humid conditions.

Standard
EN 300 - type OSB 3; EN 13501-1: class D-s2,d0

Formaldehyde class
E1 (EN 13986)

Applications
- Internal load-bearing cladding of walls and ceilings, partitions
- Billboard production
- Exhibitions (displays, stands, kiosks)
- Flooring base
- Framework for upholstered furniture
- Load-bearing wall sheathing
- Packaging
- Warehouse management (racks, fences, etc.).

Dimensions Size	Thickness	Boards per pack
2397 x 1197mm	9mm	72
2397 x 1197/2440 x 1220mm	11mm	60
2397 x 1197/2440 x 1220mm	15mm	56
2397 x 1197/2440 x 1220mm	18mm	36

BBA APPROVAL INSPECTION TESTING CERTIFICATION
CERTIFICATE 13/4498

OSB 3 T&G Loft Panels



Our handy loft boards are a quarter of the size but still as much a structural, load bearing product.

Standard
EN 300 - type OSB 3; EN 13501-1: class D-s2,d0

Formaldehyde class
E1 (EN 13986)

Applications
- For use in domestic and non-domestic loft spaces

Dimensions Size	Thickness	Boards per pallet
1220 x 300mm	18mm	153





Kronobuild® OSB



Kronobuild® Particleboard

Engineered for reliability & sustainability

Particleboards (PB) are one of the most commonly used wood-based materials for a multitude of applications. The sustainable boards are manufactured from recycled wood chips and synthetic resin based binders pressed under high temperatures and pressure. Kronospan manufactures a wide range of particleboards; each board type has its own product characteristics specifically developed for its intended use. The Kronobuild® product line of Particleboards includes P5 Fast Protect T&G Flooring, P5 Fast Clean T&G Flooring, P5 T&G Flooring and P2 Boards.

Particleboard P5 Flooring



Kronobuild® Particleboard P5 is a load-bearing tongue and grooved panel for use in dry and humid conditions for both domestic and commercial applications.

Standard
EN 312 - type P5; EN 13501-1: class D-s2,d0

Formaldehyde class
E1 (EN 13986)

Applications
- T&G floor panels for domestic and commercial applications

Dimensions Size	Thickness	Boards per pack
2400 x 600mm	18mm	86
2400 x 600mm	22mm	70

Particleboard P2



Kronobuild® Particleboard P2 is non-load-bearing panel for interior use in dry conditions with high dimensional stability and stiffness.

Standard
EN 312 - type P2; EN 13501-1: class D-s2,d0

Formaldehyde class
E1 (EN 13986)

Applications
- Packaging
- Furniture components
- Possible surface finishing by laminating, backing, veneering

Dimensions Size	Thickness	Boards per pack
2440 x 1220mm	12mm	68
2800 x 2070mm	12mm	68
2440 x 1220mm	15mm	54
2800 x 2070mm	15mm	54
2440 x 1220mm	18mm	45
2800 x 2070mm	18mm	45
3050 x 1220mm	18mm	45

Kronobuild® Particleboard

Fast Protect



Kronobuild® Fast Protect is a specifically designed Tongue and Groove structural flooring board which provides dual layer protection against accidental damage or spillages, and against exposure to the elements.

Kronobuild® Fast Protect also carries the independently approved BBA certificate allowing the board to be left exposed in the build process for a period of up to 60 days. The BBA certificate only remains valid provided the boards are fitted using Kronobuild® D4 Adhesive.

Standard
EN 312 - type P5; EN 13501-1: class D-s2,d0

Formaldehyde class
E1 (EN 13986)

Applications
- For use in domestic and non-domestic applications

Dimensions Size	Thickness	Boards per pack
2400 x 600mm	22mm	70

Fast Clean



Kronobuild® Fast Clean is a specifically designed Tongue and Groove structural board which provides a removable layer of protection against damage and spillages to the flooring, and also against exposure to the elements.

Kronobuild® Fast Clean also carries the independently approved BBA certificate allowing the board to be left exposed in the build process for a period of up to 60 days. The BBA certificate only remains valid provided the boards are fitted using Kronobuild® D4 Adhesive.

Standard
EN 312 - type P5; EN 13501-1: class D-s2,d0

Formaldehyde class
E1 (EN 13986)

Applications
- For use in domestic and non-domestic applications

Dimensions Size	Thickness	Boards per pack
2400 x 600mm	22mm	70

D4 adhesive



Kronobuild® Fast Protect and Fast Clean boards **MUST** be used with the custom fixing kit to ensure BBA requirements are met.

D4 Adhesive

For a strong lasting bond, D4 is applied to the top of the joists or the i-joist flange and all tongue and grooved joints.



Scan the QR code to view video of Fast Protect fitting instuctions

P6 Novopan Climate Flooring



Introducing Novopan Climate Flooring, a P6 floor that's pre-routed for quick, reliable and efficient installation of PEX underfloor heating systems.

Novopan Climate Flooring is a 22mm P6 board certified as a load bearing floor or a floating floor, and which features ready milled grooves for the laying of aluminium heat emission plates and PEX pipework. Suitable for use with laminate flooring, glued parquet strips or tiling.

Standard
EN1195:1997/EN12871:2000

Formaldehyde class
E1 (EN 13986)

Applications
- For use in domestic and non-domestic under floor heating

Dimensions Size	Thickness	Boards per pack
1820 x 620mm	22mm	70







Kronobuild® MDF

Engineered for consistency & workability

MDF, or “Medium Density Fibreboards” are manufactured in compliance with European standard EN 622-5. They are applicable particularly in the production of furniture and other internal fixtures and fittings. The Kronobuild® product line of fibreboards includes standard MDF, along with boards with specialist application properties - Moisture Resistant MDF (MR MDF), Lightweight MDF, Fire Retardant MDF (FR MDF), Deep Router MDF (DRG) and High Density Fibreboard (HDF).

Medium Density Fibreboard (MDF)



Kronobuild® MDF is non-load-bearing for interior use in dry conditions. Sanded to give a fine surface, MDF is suitable for a variety of coatings; laminating, painting, varnishing and veneering. Kronospan MDF can also be used as a building material in non-load-bearing walls, ceilings and partitions.

Standard
EN 316; EN 622-5

Formaldehyde class
E1 (EN 13986)

Applications
- Furniture components
- Partitions
- Cladding
- Packaging
- General woodworking and joinery applications
- Light moulding applications
- Shop fitting and exhibition displays

Dimensions Size	Thickness	Boards per pack
2440 x 1220 / 3050 x 1220mm	9mm	90
2440 x 1220 / 3050 x 1220mm	12mm	40
2440 x 1220 / 3050 x 1220mm	15mm	54
2440 x 1220 / 3050 x 1220mm	18mm	46
2440 x 1220 / 3050 x 1220mm	22mm	38
2440 x 1220 / 3050 x 1220mm	25mm	32
2440 x 1220 / 3050 x 1220mm	30mm	28

Lightweight MDF



Kronobuild® Lightweight MDF has all the benefits of our standard MDF and is for applications where a lighter weight is desirable.

Standard
EN 316; EN 622-5

Formaldehyde class
E1 (EN 13986)

Applications
- Furniture components
- Partitions
- Cladding
- Packaging
- Picture frame production
- General woodworking and DIY

Dimensions Size	Thickness	Boards per pack
2440 x 1220mm	18mm	46

Kronobuild® Fibreboard

Moisture Resistant MDF (MR MDF)



Kronobuild® MR MDF boards are for non-load-bearing use in dry and humid conditions. Typically, MR MDF is used for skirtings, architrave, window boards and door sets for the building industry. These boards can also be used for shopfitting, hospitality and general woodworking uses.

Standard
EN 316; EN 622-5

Formaldehyde class
E1 (EN 13986)

Applications
- Areas that require protection from moisture
- Furniture components
- Mouldings
- Shop fitting and exhibition displays
- Window sills; skirtings

Dimensions Size (mm)	Thickness (mm)	Boards per pack
2440 x 1220 mm	9	80
2440 x 1220 mm	12	40
4200 x 1270 / 5400 x 1220 / 5490 x 1220	14.5	36
2440 x 1220 / 3050 x 1220	18	46
4200 x1270 / 4400 x 1270	18	30
5400 x 1270 / 5490 x 1220	18	32
3660 x 1220 / 4200 x 1270 / 5100 x 1220 5490 x 1270mm	25	20
5100 x 1220 / 4190 x 1220mm	30	16

Fire Retardant MDF (FR MDF)



Kronobuild® FR MDF are non-load-bearing boards with improved fire retardant properties and are manufactured in compliance with European standard EN 622-5 where they are defined as boards for general use in dry conditions. FR MDF is increasingly used particularly in public spaces where stringent fire regulations must be met. According to EN 13501-1 boards are classified B-s2, d0 in terms of reaction to fire.

Standard
EN 316, EN 622,-5 - type MDF; EN 13501-1: class B-s2, d0

Formaldehyde class
E1 (EN 13986)

Applications
- Furniture components
- Partitions
- Exhibitions (displays, stands, kiosks)
- In public spaces which are subject to stringent fire risk assessment
- Retail and commercial applications

(details on request)

Deep Router MDF



Kronobuild® Deep Router (DRG) MDF is an engineered board made with especially designed fibres to allow deep routing. Kronobuild® DRG is sanded to give a fine surface and is ideal for use where a superior finish is required when routing deep into the core. Primarily used in kitchen and bedroom door production, DRG is also suitable for all high quality applications.

Standard
EN 316 , EN 622-1

Formaldehyde class
E1 (EN 13986)

Applications
- Kitchen and bedroom doors
- Mouldings
- Shopfitting

Dimensions Size	Thickness	Boards per pack
2620 x 2070mm	15mm	40
2620 x 2070mm	18mm	46

High Density Fibreboard (HDF)



Kronobuild® HDF is an engineered board produced from resin bonded wood fibres under high pressure and heat. HDF is a non-load-bearing product for interior use in dry conditions. Due to its very fine unsanded surface, HDF is suitable for a variety of coatings; laminating, painting, varnishing and veneering.

Standard
EN 316; EN 622-1

Formaldehyde class
E1 (EN 13986)

Applications
- Interior design
- Furniture components
- Cupboard backs

Dimensions Size	Thickness	Boards per pack
2440 x 1220mm	3mm	150
2440 x 1220mm	6mm	120



Laminate & SPC Flooring

Engineered for style & durability

KronoOriginal® floors combine the authentic look and feel of real wood or stone on a stable and durable base. Available in a range of popular styles and decors they are also supremely practical. Easy to fit with 1clic 2go Pure installation, they are stain and scratch resistant and built to last. Produced using sustainable manufacturing, our boards are a continual CO_2 store.

Laminate Flooring



Laminate Flooring is made up of several wear and decor layers bonded together with a wood composite (HDF) core. Available in a range of styles including our innovative 8 & 12mm moisture resistant ranges with 48 hours of splash-water protection, they are all easy to fit and easy to care for.

Standard
EN 13329:2016

Formaldehyde class
E1 (EN 13986)

Features
- Up to 30 years guarantee
- 4 sided v-groove
- A.B.C Anti bacterial coating
- Microscratch protect*
- Eco-friendly - natural wood, sustainably sourced
- Authentic embossed*
- Suitable for underfloor heating

Thickness	Dimensions Size	Format	Coverage
7mm	1285 X 192mm	Plank	2.47m²
8mm	1285 X 192mm	Plank	2.22m²
8mm	1383 x 159mm	Plank	2.20m²
8mm	635 X 327mm	Tile	2.28m²
10mm	1285 X 192mm	Plank	1.73m²
12mm	1285 X 192mm	Plank	1.48m²

* Selected decors

SPC Flooring



Stone Polymer Composite (SPC) floors employ a limestone substructure for reliable and solid stability. Fully water resistant, rigid, digitally printed and dimensionally stable.

Standard
EN 316; EN 622-1

Formaldehyde class
E1 (EN 13986)

Features
- Up to 30 years guarantee
- Waterproof
- 70% marble - Mineral based board
- Stain proof and easy to clean
- Soft touch and silent walk*
- Dimensionally stable
- Slide resistant
- Designed for underfloor heating
- Scratch resistant
- 4-sided V-groove
- Suitable for all domestic rooms including kitchens and bathrooms
- Digitally printed, no repeat pattern for up to 60 panels

Thickness	Dimensions Size	Coverage
4mm	1280 X 192mm	1.97m²
5mm	1210 X 192mm	1.86m²
5mm	600 X 295mm	1.95m²



Worktops

Engineered for Style and Practicality

These worktops feature a range of stunning on-trend finishes, built on decades of product research and understanding. Not only do they look sensational, but you can be confident of an exceptional performance, utilising technically brilliant and durable construction. We control all aspects of production from sourcing sustainable materials to manufacturing in our own UK factory, the result being inspirational decors combined with a solid structure at a reasonable price.

ABS Square Edge



This is the modern version of a worktop and features a straight edge and 1.5 mm ABS edging that gives a sturdy, square look. The simple, cleaner lines make these worktops perfect for any contemporary or minimalist kitchen design.

Standard
EN438.1:2005

Formaldehyde class
E1 (EN 13986)

Features
- Stain resistant
- Easy to clean
- Hygienic
- Heat resistant
- Antibacterial
- Antiviral
- Digitally printed

Worktop Size	Breakfast Bar Size	Thickness
4100 x 600mm	4100 x 900mm	38mm
3050 x 600mm	3050 x 900mm	38mm

Matching Upstands	Thickness
4100 x 100mm	20mm

Post-formed



Post-formed worktops with a 3mm radius profile are based on raw particleboard covered with a decorative HPL laminate and strengthened on the front with a innovative HDF strip, making them ideal for counters in kitchens, offices and shops.

Standard
EN438.1:2005

Formaldehyde class
E1 (EN 13986)

Features
- Stain resistant
- Easy to clean
- Hygienic
- Heat resistant
- Antibacterial
- Antiviral
- Digitally printed

Worktop Size	Breakfast Bar Size	Thickness
4100 x 600mm	4100 x 900mm	38mm
3050 x 600mm	3050 x 900mm	38mm
3050 x 600mm	-	28mm

Matching Upstands	Thickness
4100 x 100mm	20mm

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FIRAGOLD PRODUCT CERTIFICATION

BMTRADA

BMTRADA

In-Stock Availability

OSB

Format (mm)	1220 x 300	2397 x 1197				2400 x 600	2440 x 1220		
Thickness((mm)	18	9	11	15	18	18	11	15	18
OSB 3		●	●	●	●		●	●	●
OSB 3 Flooring						●			
OSB 3 Loft Panels	●								

Particleboard

Format (mm)	1820 x 620	2400 x 600		2440 x 1220			2800 x 2070			3050 x 1220
Thickness((mm)	22	18	22	12	15	18	12	15	18	18
P5 Particleboard Flooring		●	●							
P2 Particleboard				●	●	●	●	●	●	●
P5 Fast Protect			●							
P5 Fast Clean			●							
Novopan Climate Flooring	●									

Fibreboard

Format (mm)	2440 x 1220									2620 x 2070		3050 x 1220						
Thickness((mm)	3	6	9	12	15	18	22	25	30	15	18	9	12	15	18	22	25	30
MDF			●	●	●	●	●	●	●			●	●	●	●	●	●	●
Lightweight MDF						●												
MR MDF			●	●	●	●									●			
FR MDF (details on request)																		
Deep Router MDF										●	●							
HDF	●	●																

Format (mm)	3660 x 1220	4200 x 2070			4400 x 2070	5100 x 1220		5400 x 1220			5490 x 1220		
Thickness((mm)	25	14.5	18	25	18	25	30	14.5	18	25	14.5	18	25
MDF													
Lightweight MDF													
MR MDF	●	●	●	●	●	●	●	●	●	●	●	●	●
FR MDF													
Deep Router MDF													
HDF													

Specification

General properties of OSB

Property		Test method	Unit	Specification
Tolerances on nominal dimensions[1]	Length & Width	EN 324-1	mm	± 3.0
	Thickness[1,2]	EN 324-1	mm/m	± 0.3 (sanded), ± 0.8 un-sanded
Edge straightness tolerance[1]		EN 324-2	mm/m	1.5
Squareness tolerance[1]		EN 324-2	mm/m	2.0
Moisture content		EN 322	%	2 - 12%
Tolerance on the mean density within a board[1]		EN 323	%	± 15
Formaldehyde release according to EN 13986[3]		EN 12460-5	mg/100g	E1 ≤8mg/100g

[1] These values are characterised in the material corresponding to a relative humidity of 65% and temperature of 20° C
[2] These values are characterised by a moisture content in the material corresponding to between and within boards
[3] Perforator values are related to boards with moisture of 6.5%. In the case of boards with different moisture content the perforator value is recalculated

General properties of P2 Particleboard

Property	Test method	Unit	Specification (EN 312)
Thickness (sanded)[1,2]	EN 324-1	mm	± 0.3
Length & width[1]	EN 324-1	mm/m	± 5
Edge straightness tolerance[1]	EN 324-2	mm/m	1.5
Squareness tolerance[1]	EN 324-2	mm/m	2
Formaldehyde Class E1[3]	EN 12460-5	mg/100g	≤ 8
Tolerance on mean density within a board[1]	EN 323	%	± 10%
Moisture Content	EN 322	%	5 to 13

General properties of P5 Particleboard T&G Flooring

Property	Test method	Unit	Specification (EN 312)
Thickness (sanded)[1,2]	EN 324-1	mm	+/ - 0.3
Length & width[1]	EN 324-1	mm	± 2
Squareness tolerance[1]	EN 324-2	mm/m	2
Formaldehyde Class E1[3]	EN 120	mg/100g	≤ 8
Moisture Content	EN 322	%	5 to 13

Kronobuild®

Specification

General properties of MDF

Property	Test method	Unit	Specification
Thickness (sanded)	EN 324-1	mm	± 0.2 (> 19mm: ± 0.3)
Length & width[1]	EN 324-1	mm/m	± 2 (max ± 5)
Edge straightness tolerance[1]	EN 324-2	mm/m	1.5
Squareness tolerance[1]	EN 324-2	mm/m	2
Formaldehyde Class E1[1]	EN 120	mg/100g	≤ 8
Tolerance on mean density within a board[1]	EN 323	%	± 10
Moisture Content	EN 322	%	4 to 11

General properties of HDF

Property	Test method	Unit	Specification
Thickness (sanded)	EN 324-1	mm	± 0.2 (> 19mm: ± 0.3)
Length & width	EN 324-1	mm/m	± 2 (max ± 5)
Edge straightness tolerance	EN 324-2	mm/m	1.5
Squareness tolerance	EN 324-2	mm/m	2
Formaldehyde Class E1	EN 120	mg/100g	≤ 8
Tolerance on mean density within a board	EN 323	%	± 7%
Moisture Content	EN 322	%	4 to 11

1 Perforator values are related to boards with moisture of 6.5%. In the case of boards with different moisture content the perforator value is recalculated

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Kronospan Limited
Chirk, Wrexham
LL14 5NT
Phone: 01691 773361
Email: sales@kronospan.co.uk
Internet: www.kronospan.com







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