

**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.

## Contents

02 Introduction  
05 Range  
06 Environment

### 08 OSB

09 OSB 3 Fast Clean T&G  
09 OSB 3 Flooring  
10 OSB 3  
10 OSB 3 T&G loft Panels

### 12 Particleboard

13 Particleboard P5 Flooring  
13 Particleboard P2  
14 Fast Protect  
14 Fast Clean  
15 D4 Adhesive  
15 Novopan Climate Flooring

### 16 Fibreboard

17 Medium Density Fibreboard (MDF)  
17 Lightweight MDF  
18 Moisture Resistant MDF (MR MDF)  
18 Fire Retardant MDF (FR MDF)  
19 Deep Router MDF  
19 High Density Fibreboard (HDF)

### 20 Flooring

21 Laminate Flooring  
21 SPC Flooring

### 22 Worktops

23 ABS Square Edge  
23 Post-formed  
24 Availability  
25 Technical Specification







## 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

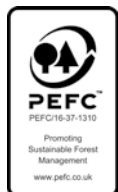
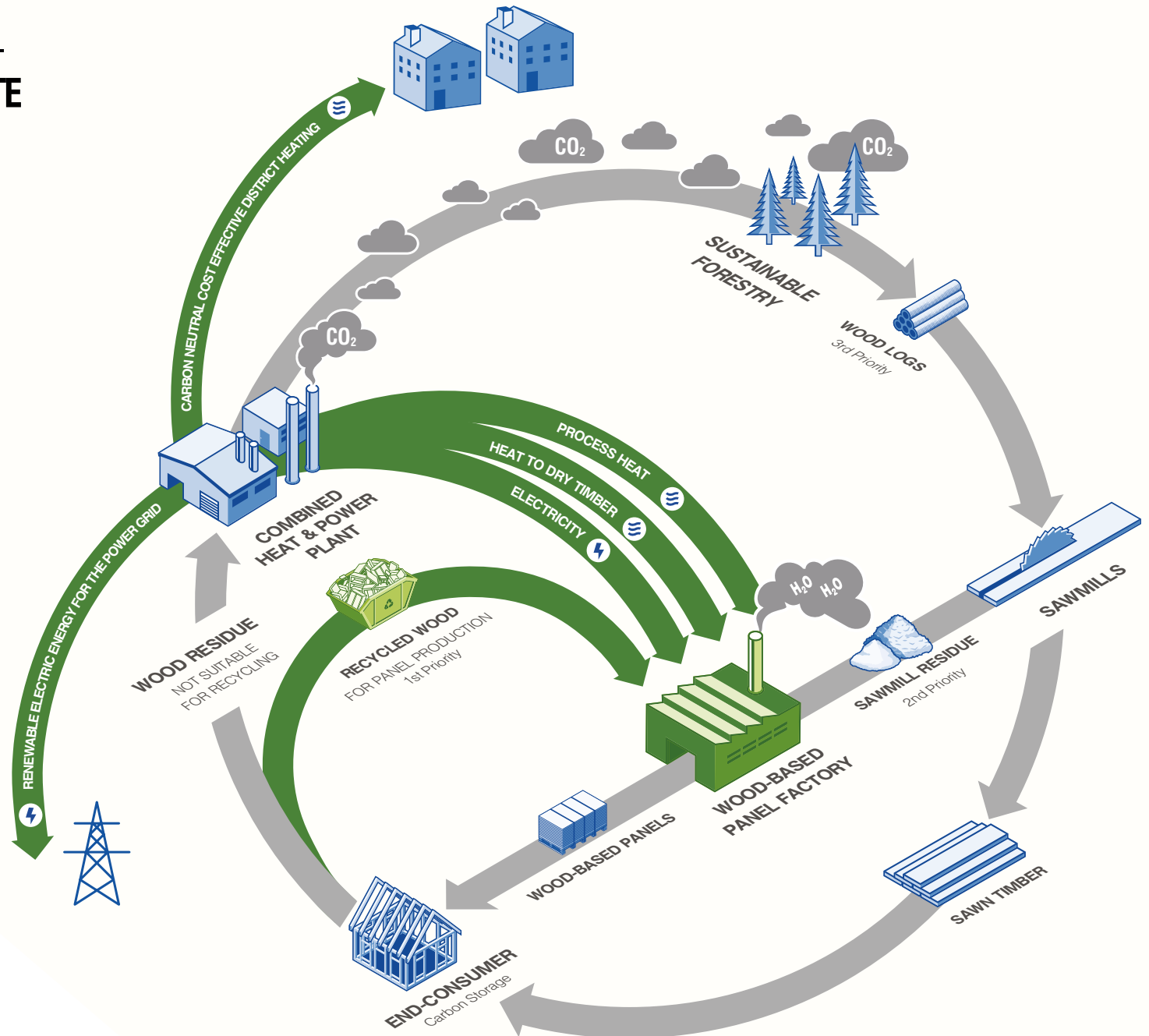
production and other internal fittings. All are sustainably produced to fulfil the requirements of the final use in floors, walls and roofing. The P5 & P2 particleboard, MDF and HDF boards are manufactured at our own factory in the UK, ensuring quality and also reducing the transport miles involved in their production.



# 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.







# 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              |



**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              |



**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® 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              |

**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 instructions

**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              |

**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 x 1270 / 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 1 clic 2go Pure installation, they are stain and scratch resistant and built to last. Produced using sustainable manufacturing, our boards are a continual CO<sub>2</sub> 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  | 2.47m <sup>2</sup> |
| 8mm       | 1285 X 192mm    | Plank  | 2.22m <sup>2</sup> |
| 8mm       | 1383 x 159mm    | Plank  | 2.20m <sup>2</sup> |
| 8mm       | 635 X 327mm     | Tile   | 2.28m <sup>2</sup> |
| 10mm      | 1285 X 192mm    | Plank  | 1.73m <sup>2</sup> |
| 12mm      | 1285 X 192mm    | Plank  | 1.48m <sup>2</sup> |

\* 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    | 1.97m <sup>2</sup> |
| 5mm       | 1210 X 192mm    | 1.86m <sup>2</sup> |
| 5mm       | 600 X 295mm     | 1.95m <sup>2</sup> |



# 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 an 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      |





## In-Stock Availability

### OSB

|                   | Format (mm) |            | 2397 x 1197 |   |    |    | 2400 x 600 |    | 2440 x 1220 |    |    |
|-------------------|-------------|------------|-------------|---|----|----|------------|----|-------------|----|----|
|                   | 1220 x 300  | 1820 x 620 | 18          | 9 | 11 | 15 | 18         | 18 | 11          | 15 | 18 |
| OSB 3             |             |            | ●           | ● | ●  | ●  |            |    | ●           | ●  | ●  |
| OSB 3 Flooring    |             |            |             |   |    |    | ●          |    |             |    |    |
| OSB 3 Loft Panels | ●           |            |             |   |    |    |            |    |             |    |    |

### Particleboard

|                           | Format (mm) |            | 2440 x 1220 |    |    |    | 2800 x 2070 |    |    | 3050 x 1220 |    |    |
|---------------------------|-------------|------------|-------------|----|----|----|-------------|----|----|-------------|----|----|
|                           | 1820 x 620  | 2400 x 600 | 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 |    |    |    |    |    |   |
|-----------------------------|-------------|---|-------------|----|----|----|----|----|-------------|----|----|---|-------------|----|----|----|----|----|---|
|                             | 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) |             | 4400 x 2070 |    |    |    | 5100 x 1220 |    |      |    | 5400 x 1220 |      |    |    | 5490 x 1220 |    |    |   |
|-----------------|-------------|-------------|-------------|----|----|----|-------------|----|------|----|-------------|------|----|----|-------------|----|----|---|
|                 | 3660 x 1220 | 4200 x 2070 | 14.5        | 18 | 25 | 18 | 25          | 30 | 14.5 | 18 | 25          | 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 <sup>1</sup>             | Length & Width           | EN 324-1 | mm            | ± 3.0                           |
|   | Thickness <sup>1,2</sup> | EN 324-1 | mm/m          | ± 0.3 (sanded), ± 0.8 un-sanded |
| Edge straightness tolerance <sup>1</sup>                  | EN 324-2                 | mm/m     | 1.5           |                                 |
| Squareness tolerance <sup>1</sup>                         | EN 324-2                 | mm/m     | 2.0           |                                 |
| Moisture content  | EN 322                   | %        | 2 - 12%       |                                 |
| Tolerance on the mean density within a board <sup>1</sup> | EN 323                   | %        | ± 15          |                                 |
| Formaldehyde release according to EN 13986 <sup>3</sup>   | EN 12460-5               | mg/100g  | E1            | ≤ 8mg/100g                      |

<sup>1</sup> These values are characterised in the material corresponding to a relative humidity of 65% and temperature of 20° C

<sup>2</sup> These values are characterised by a moisture content in the material corresponding to between and within boards

<sup>3</sup> 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) <sup>1,2</sup>                     | EN 324-1    | mm      | ± 0.3                  |
| Length & width <sup>1</sup>                           | EN 324-1    | mm/m    | ± 5                    |
| Edge straightness tolerance <sup>1</sup>              | EN 324-2    | mm/m    | 1.5                    |
| Squareness tolerance <sup>1</sup>                     | EN 324-2    | mm/m    | 2                      |
| Formaldehyde Class E1 <sup>3</sup>                    | EN 12460-5  | mg/100g | ≤ 8                    |
| Tolerance on mean density within a board <sup>1</sup> | 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) <sup>1,2</sup>  | EN 324-1    | mm      | + / - 0.3              |
| Length & width <sup>1</sup>        | EN 324-1    | mm      | ± 2                    |
| Squareness tolerance <sup>1</sup>  | EN 324-2    | mm/m    | 2                      |
| Formaldehyde Class E1 <sup>3</sup> | EN 120      | mg/100g | ≤ 8                    |
| Moisture Content                   | EN 322      | %       | 5 to 13                |

## Specification

### General properties of MDF

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

<sup>1</sup> 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



# kronospan-express.com

## FOLLOW US



[facebook.com/Kronospan](https://facebook.com/Kronospan)



[twitter.com/Kronospan](https://twitter.com/Kronospan)



[instagram.com/Kronospan](https://instagram.com/Kronospan)



[pinterest.com/Kronospan](https://pinterest.com/Kronospan)



[youtube.com/KronospanWorldwide](https://youtube.com/KronospanWorldwide)

### **Kronospan Limited**

Chirk, Wrexham

LL14 5NT

Phone: 01691 773361

Email: [sales@kronospan.co.uk](mailto:sales@kronospan.co.uk)

Internet: [www.kronospan.com](http://www.kronospan.com)

