



carpentier  
SMART WOOD FOR NICE PLACES

Solutions

# Our smart solutions

## Smart solutions for quick installation

Carpentier creates smart systems that make professional installation easier than ever. With our QuickClip® profiles and Grad® elements, installation time is reduced by up to 50%.

## Trendy design

Smart solutions means smart design. Carpentier's unique profile range includes a selection of trendy designs.

### Why choose smart solutions by Carpentier?



Our QuickClip® products reduce installation time by up to 50%.



Our top-quality products keep on-site waste to a minimum.



Carpentier guarantees sustainability class I for its HOTwood ash, HOTwood oak and HOTwood bamboo and I/II for HOTwood pine.



We are committed to obtaining our wood from sustainably managed plantations. Our HOTwood is the best alternative for tropical hardwood. This commitment to sustainability is a central consideration at every stage of our production process.



Extensive range of profiles and finishes

## Carpentier, your most sustainable partner

As one of the first Belgian businesses with PEFC and FSC certification, Carpentier gives top priority to sustainable business practices and respect for the environment. We take stringent measures to ensure that all of our wood comes from legal, sustainably managed plantations. Moreover, our range does not include tropical hardwoods: we have deliberately chosen to work with sustainable, ecologically responsible wood varieties such as oak, thermally modified wood and reclaimed wood. This commitment to the environment applies to all of our production processes and the development of all of our products.



**Sustainable wood varieties** 4

**Smart solutions** 8

QuickClip® 9

Aluminium joists 10

Adjustable decking risers and more 11

**Timber cladding** 12

HOTwood 12

Oak 16

Other wood 17

**Wall and ceiling panelling** 18

Acoustic ceiling panels 19

**Timber decking** 20

HOTwood 22

Oak 23

Other wood 23

**Roof boards** 24

**Finishes** 26

Oils and stains 27

Charring 28

Brushing 30

Pre-weathering 30



# Our sustainable wood varieties



## HOTwood ash

### Available for:

- Cladding
- Outdoor
- Indoor
- Decking

## HOTwood pine (with knots)

### Available for:

- Cladding
- Outdoor
- Indoor
- Decking

## HOTwood clear pine (free of defects)

### Available for:

- Cladding
- Outdoor
- Indoor

## HOTwood oak

### Available for:

- Cladding
- Outdoor
- Indoor
- Decking

## HOTwood bamboo & Accoya

### Available for:

- Cladding
- Outdoor
- Indoor
- Decking

## Oak

### Available for:

- Cladding
- Outdoor
- Indoor
- Decking
- Roof boards



**Heated Outdoor Timber**  
the ecological alternative to tropical hardwood

HOTwood is thermally treated at a temperature of at least 215°C, using steam to prevent splitting and cracking. Following this treatment, thermo wood is comparable to hardwood classes I/II, and moreover has better shape retention and a very attractive colour. HOTwood is also **more durable** and more resistant to moisture and wood rot. In short, HOTwood is the **ideal alternative for tropical hardwood**.

### Advantages of HOTwood

- Durability class I (ash, oak and bamboo) & I/II (pine)
- 100% sustainable, environmentally friendly
- Low maintenance
- Good resistance to rot
- Excellent stability and strength
- Intense colour
- 100% return – wood is free of defects
- Weathers nicely
- Easy to use
- Fully recyclable

HOTwood bamboo has the same outstanding qualities of hardwood, and it is a particularly **sustainable alternative for tropical hardwood**. A patented heat treatment at a temperature of 200° makes thermal bamboo even harder, more stable and more durable than even the best tropical hardwood varieties. Moreover, bamboo is environmentally responsible and has a beautifully natural appearance. We also offer cladding and decking boards in Accoya, a modified solid wood that out-performs even the most durable tropical hardwoods

Oak comes from sustainably managed plantations and is sawn in our own sawmill. As a native wood variety, oak is **sustainable** and PEFC-approved (FCS® also available; surcharge applies).

Oak is also durable and **weather-resistant**, making it extremely suitable for outdoor applications such as cladding. The wood develops a beautiful, naturally weathered appearance over time.



### Douglas

**Available for:**

- Cladding
- Outdoor
- Indoor
- Roof boards

Douglas fir comes from sustainably managed forests in northwestern Europe. This wood variety has become increasingly popular in recent years thanks to its many advantageous qualities. For instance, it is **naturally very durable and exceptionally strong**, making it an ideal choice for outdoor projects such as timber cladding and roof boards. Once dried, it is even harder. With its flame-like grain and heartwood in yellow-brown to pink colouring, Douglas also has **a beautiful appearance**.



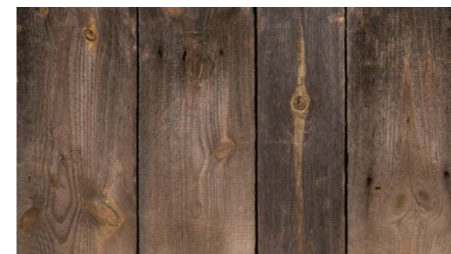
### Reclaimed wood

**Available for:**

- Cladding
- Outdoor
- Indoor

Carpentier offers an exclusive collection of reclaimed wood for indoor and outdoor use. This wood is salvaged from old homes, barns and demolished buildings, and transformed in our workshop into beautiful authentic floors and wall panelling. Reusing salvaged planks is a highly **sustainable** choice. Moreover, each plank is unique and **full of character**.

### European barnwood



**Dimensions**

Thickness: 23/24mm  
Widths: 100mm or more  
Lengths: ± 2m or more (set length per bundle)

Wood type: pine or brushed oak

### Canadian barnwood



**Dimensions**

Thickness: 20/22mm  
Widths: 100mm or more  
Lengths: ± 2m or more (variable lengths per bundle)

Wood type: pine

### Reclaimed oak grey, engineered



**Dimensions**

Thickness: 15mm (11mm + top layer of 4mm)  
Widths: consists of a range of fixed widths (100 | 110 | 120 | 130mm)  
Lengths: from 500mm to 2200mm

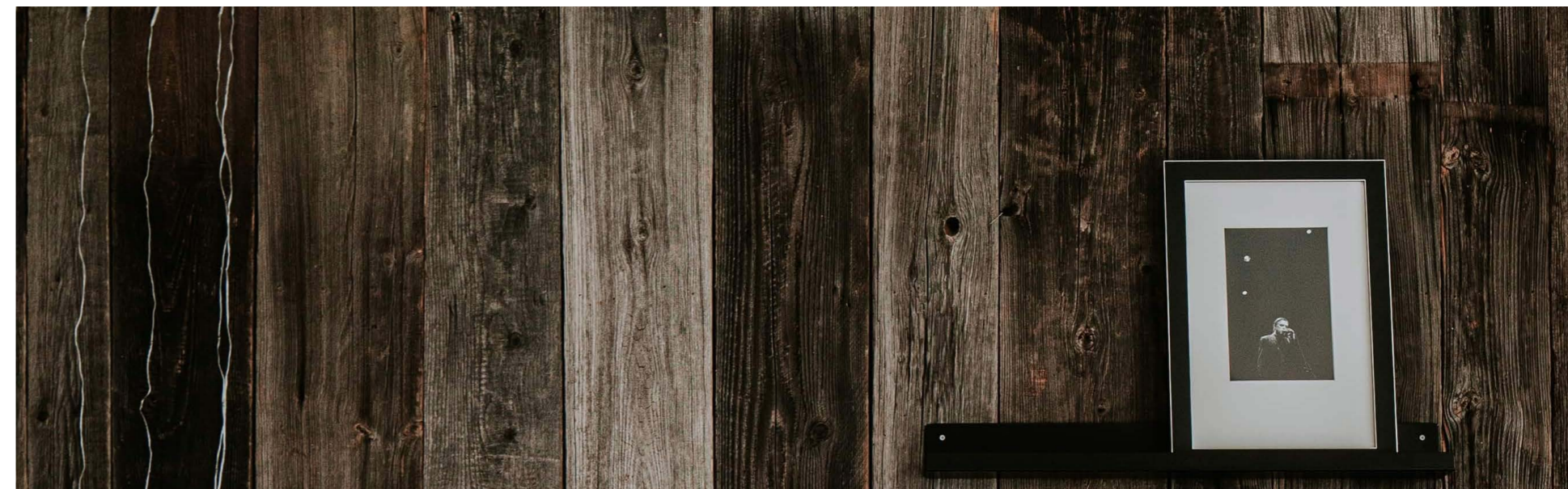
4-sided tongue and groove

### Old oak panelling, exposed to sun, rain and wind



**Dimensions**

Thickness: 60mm to 100mm  
Widths: 170mm or more (mainly 200mm or more)  
Lengths: between 2.5m and 2.9m



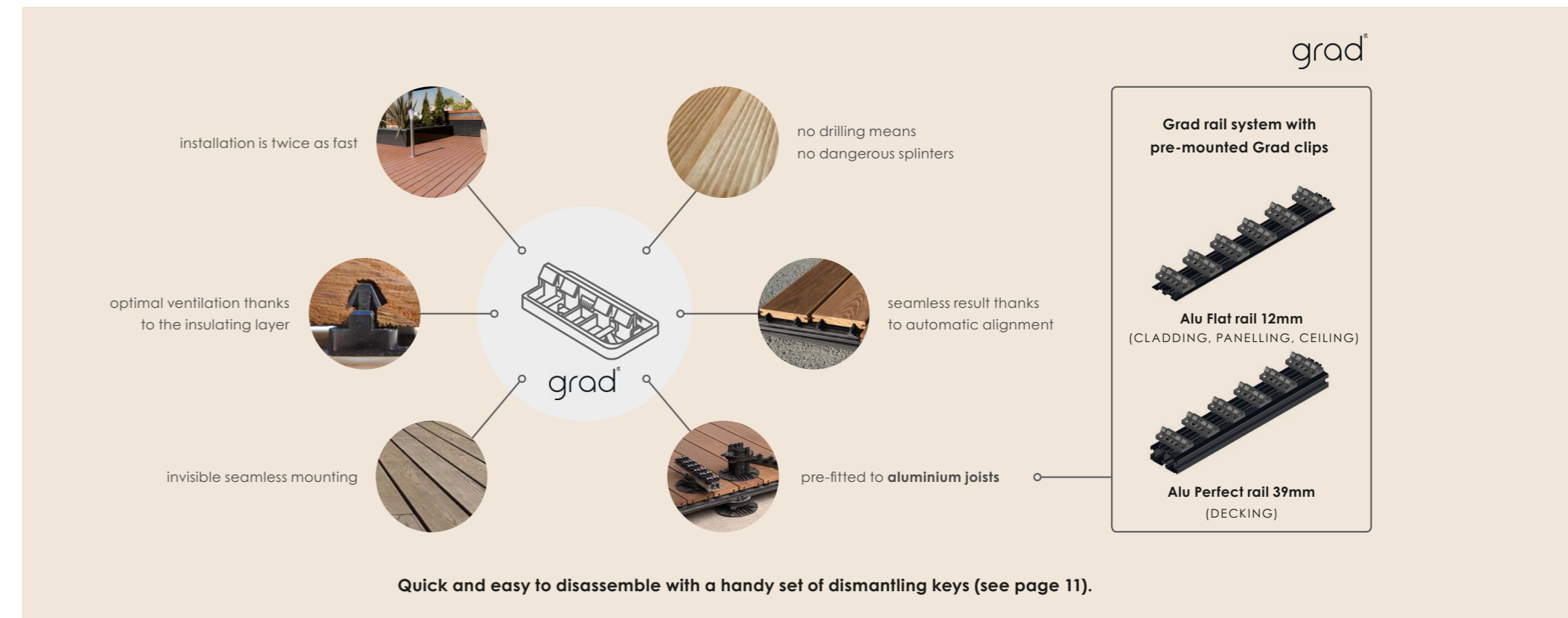
# Smart solutions

Carpentier offers a range of smart systems to simplify installation. Thanks to the **Grad® system**, our unique QuickClip® products reduce installation time by up to 50%. Furthermore, because the profiles are precisely spaced, the finished product will look perfect.

## QuickClip® products for indoor and outdoor use



QuickClip® stands for beautiful wood profiles and the simple, invisible Grad® installation system, in which clips are attached to aluminium joists with no visible screws or nails. It is now easier than ever to construct a wooden deck or install cladding to a wall, gate or fencing using our QuickClip® wood installation products!



**Our QuickClip® products are perfect for circular use.** Simply clip the wooden profiles away using the set of dismantling keys - there is no risk of damage.

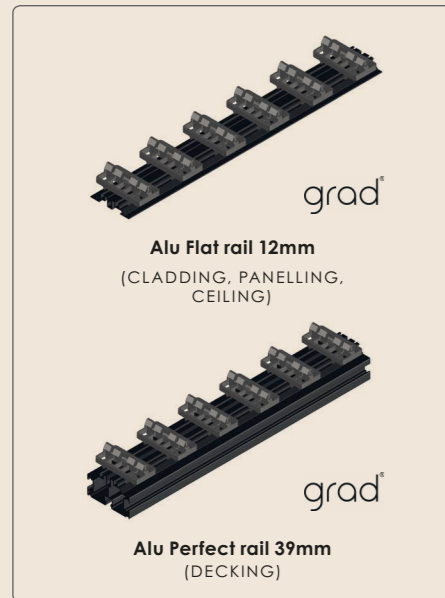
If desired, cladding can be fully dismantled and reassembled elsewhere.

Make sure you never use glue, so as to ensure the circular nature of our QuickClip® products. The clip grip is a handy tool that protects circularity.



**Advantages of new aluminium joist:**

1. No warping
2. Stable along the entire length
3. Life-long durability
4. Black powder coated to prevent reflection
5. Easy to disassemble using special keys

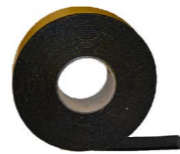


## Aluminium joists

**Good to know: clips are pre-installed on the joists prior to installation with precisely the right spacing. This means that the builder can get started right away, since all he has to do is click the wooden boards in place.**

- Invisible installation
- Quick, efficient installation: reduces costly installation bills by up to 50%
- Splinter-free: no screws or nails means no drilling
- Minimum waste
- Maximum ventilation: the clips create an insulating layer between the boards and the internal construction
- Seamless result: boards are automatically aligned


For the best acoustic results, we advise applying a 2mm elastomer strip to the underside of the aluminium joists. The elastomer strip provides a layer of insulation between the aluminium joists and the foundation, which helps keep reverberations to a minimum.



## Adjustable decking risers

The Grad® decking risers are the perfect solution for installing and levelling a raised wooden deck or a wooden deck on an uneven underground. They are universally compatible, easy to install and adjust, and adapted to fit the aluminium joists. A single model of our adjustable decking risers can bridge height differences from 100mm to 1m\*.

\* With conventional decking risers, four to five different models would be needed to bridge the same height difference.

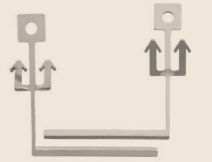


**Weight:** 311 g  
**Quantity:** 80 pcs per bag  
**Height:** from 100mm to 1m  
**No extensions:** 100 to 125 mm  
**Extension pieces:**

- 1 pair: 130 tot 175mm
- 2 pairs: 180 tot 225mm
- 3 pairs: 230 tot 275mm
- 4 pairs: 280 tot 325mm

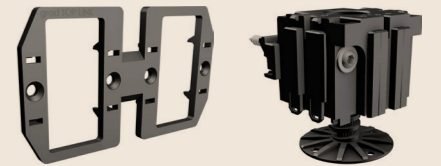
\*\* For four or more extension pairs we advise using reinforcements, with two reinforcements needed per four extension pairs and one additional reinforcement per extension pair.

**Disassembly keys** grad®



Using the handy disassembly keys, you can easily click our wooden QuickClip® cladding or decking boards out of the installation system.

**Top Link & Top Cube** grad®



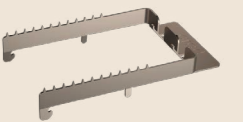
Top Link

Top Cube

The Top Link is a convenient tool for creating stable end-to-end joins between aluminium joists and insuring perfect spacing.

The Top Cube attachment support enables you to seamlessly attach edging boards.

**Clip grip** grad®

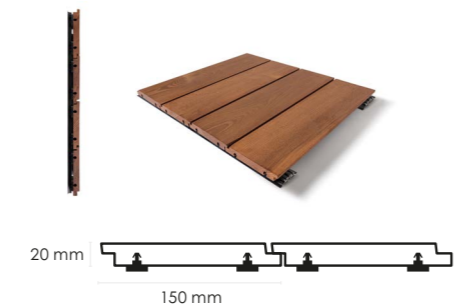


The clip grip fits perfectly around the Grad® clip and prevents vertical cladding from sliding. This means there is no need for fixing glue and our QuickClip® cladding remains circular.

# HOTwood

## Ash

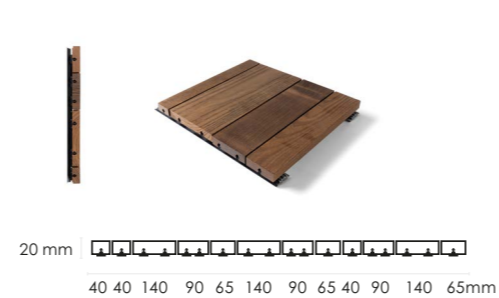
### Shiplap (QuickClip®)



**Dimensions**  
 Profile: 20 x 150 (coverage width 142) x 1500mm or more  
 Joists: 12 x 55mm

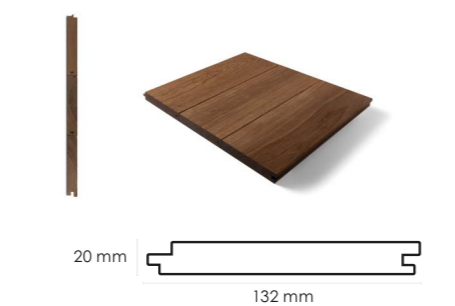
### Plus line (QuickClip®)

Fixed widths in variable pattern



**Dimensions**  
 Profile: 20 x 40 | 65 | 90 | 140 x 1500mm or more  
 Interval of 4mm  
 Joists: 12 x 55mm  
 Also available without mounting system

### Plank T&G

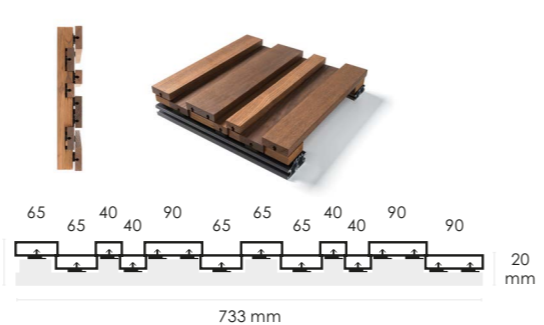


**Dimensions**  
 Profile: 20 x 132mm (coverage width 123mm)  
 With tongue and groove, also on the edges  
 Lengths:

35%: 900 to 1500mm  
 65%: 1800 to 3000mm

Mixed selection only

### Relief (QuickClip®)



**Dimensions**  
 Profile: 20 x 40 | 65 | 90 x 1500mm or more

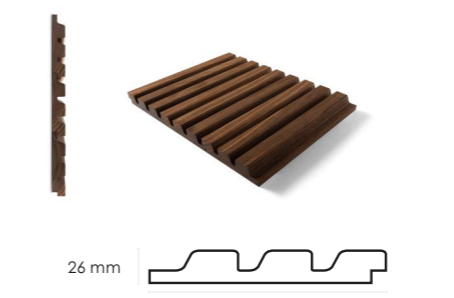
## Ash

### Rhombus (QuickClip®)



**Dimensions**  
 Profile: 20 x 52 x 1500mm or more  
 Interval of 2mm  
 Joists: 12 x 55mm  
 Also available without mounting system

### Triple



**Dimensions**  
 Profile: 26 x 130 (coverage width 123) x 1500mm or more

### Open line (QuickClip®)



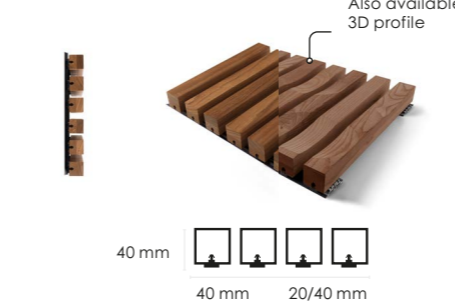
**Dimensions**  
 Profile: 20 x 52 x 1500mm or more  
 Interval of 10mm  
 Joists: 12 x 55mm  
 Also available without mounting system

### Closed line



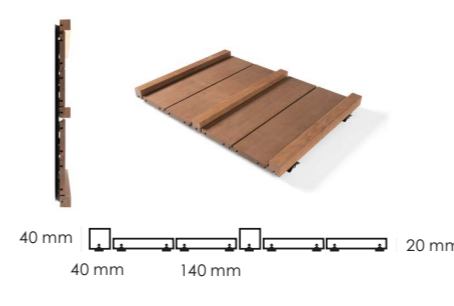
**Dimensions**  
 Profile: 20 x 52 (coverage width 45) x 1500mm or more  
 OR: 20 x 72 (coverage width 65) x 1500mm or more

### Cubus (QuickClip®)



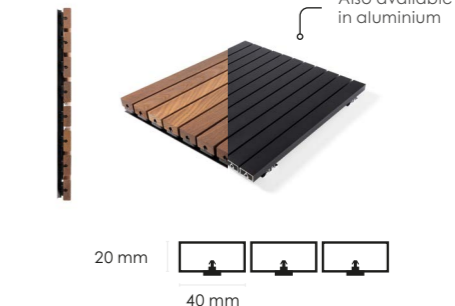
**Dimensions**  
 Profile: 40 x 40 x 1500mm or more  
 Lamellated (2 times 20 x 40mm)  
 Interval of 20 or 40mm  
 Joists: 12 x 55mm  
 Also available without mounting system

### Pulse line (QuickClip®)



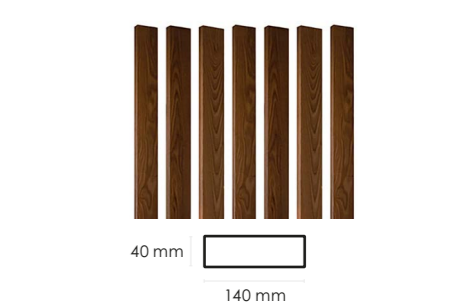
**Dimensions**  
 Profile: 40 x 40 | 20 x 140 x 1500mm or more  
 Interval of 4mm  
 Joists: 12 x 55mm

### Fine line (QuickClip®)



**Dimensions**  
 Profile: 20 x 40 x 1800mm or more  
 Interval of 5mm  
 Joists: 12 x 55mm  
 Also available without mounting system

### Pillar line



**Dimensions**  
 Profile: 40 x 140 x 1800mm or more (finger-jointed from 3000mm)  
 Fixed louvers to be installed at regular intervals  
 Lamellate and solid  
 Also available in HOTwood pine

# Timber cladding

Carpentier supplies high-quality timber cladding in oak, thermo wood, Accoya and reclaimed wood. By working closely with product developers, we are able to offer innovative, stylish profiles that are even more user-friendly and easy to install. There is a very good reason that we call it 'Smart wood for nice places'.

## OUR GREATEST ASSETS

- Range of profiles in several wood varieties
- QuickClip® profiles with the invisible Grad® installation system
- Quick installation
- Variety of finishes and colours



### Ash

#### Uni Line 65 QC & Uni Line 40 QC



**Dimensions**  
 Profile 65 QC: 20 x 65 (board) | 20 x 65 (batten) x 1500mm or more  
 Profile 40 QC: 20 x 65 (board) | 20 x 40 (batten) x 1500mm  
 Interval of 2,5mm  
 Joists: 12 x 55mm

Check out our extremely wide range of thermo ash cladding.



### Clear pine (free of defects)

#### T&G plank



**Dimensions**  
 Profile: 20 x 138 (coverage width 134) x 2700mm or more

#### Rhombus (QuickClip®)

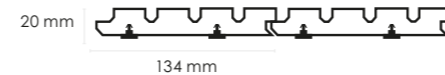


**Dimensions**  
 Profile: 20 x 65 x 2700mm or more  
 Interval of 2mm  
 Joists: 12 x 55mm

#### Piano (QuickClip®)

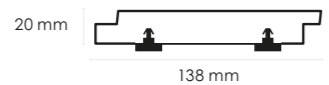


**NEW**  
 Piano Stripes, a version with grooves painted black



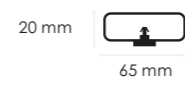
**Dimensions**  
 Profile: 20 x 134 (coverage width 131) x 2700mm or more  
 Joists: 12 x 55mm

#### Plank (QuickClip®)



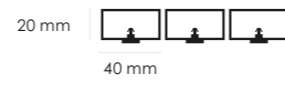
**Dimensions**  
 Profile: 20 x 138 (coverage width 131) x 2700mm or more  
 Joists: 12 x 55mm

#### Open line (QuickClip®)



**Dimensions**  
 Profile: 20 x 65 x 2700mm or more  
 Interval of 10mm  
 Joists: 12 x 55mm

#### Fine line (QuickClip®)



**Dimensions**  
 Profile: 20 x 40 x 2700mm or more  
 Interval of 5mm  
 Joists: 12 x 55mm

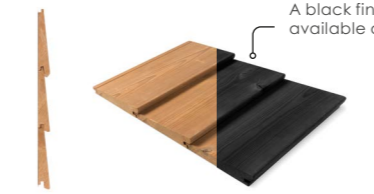
### Pine (with knots)

#### T&G plank

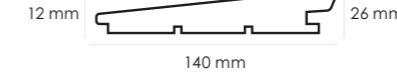


**Dimensions**  
 Profile: 20 x 140 (coverage width 132) x 2700mm or more

#### Rebated feather edge

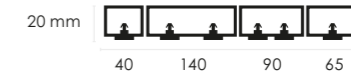


A black finish is also available on request



**Dimensions**  
 Profile: 12 | 26 x 140 (coverage width 125) x 2700mm or more

#### Plus line (QuickClip®)

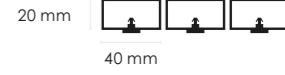


**Dimensions**  
 Profile: 26 x 40 | 65 | 90 | 140 x 2700mm or more  
 Interval of 4mm  
 Joists: 12 x 55mm  
 Also available without mounting system

#### Fine line (QuickClip®)



Also available in aluminium



**Dimensions**  
 Profile: 20 x 40 x 2700 mm or more  
 Interval of 5mm  
 Joists: 12 x 55mm  
 Also available without mounting system

#### Double rhombus



**Dimensions**  
 Profile: 26 x 140 (coverage width 132) x 2700mm or more

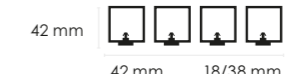
Also available in HOTwood ash

#### Triple



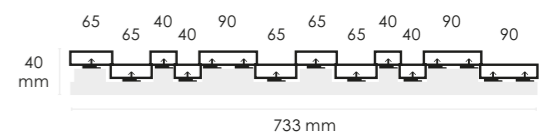
**Dimensions**  
 Profile: 26 x 130 (coverage width 123) x 2700mm or more

#### Cubus (QuickClip®)



**Dimensions**  
 Profile: 42 x 42 x 2700mm or more  
 Interval of 18 or 38mm  
 Joists: 12 x 55mm  
 Also available without mounting system

#### Reliëf (QuickClip®)



**Dimensions**  
 Profile: 20 x 40 | 65 | 90 x 2700mm or more





**Pine** (with knots)

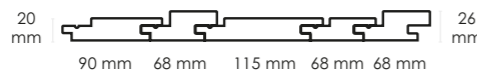


**Ignite T&G plank**  
(charred look)



**Dimensions**  
Profile: 20 x 140 (coverage width 132) x 2700mm or more  
*An economical alternative for charred wood  
For interior and exterior use*

**Jump line**



**Dimensions**  
Combination of four profiles:  
20 x 90 (coverage width 71) | 26 x 68 (coverage width 49) | 20 x 115 (coverage width 96) | 20 x 68 (coverage width 49) | 26 x 115 (coverage width 96) x 3000mm or more

*Perfect for blind nailing*

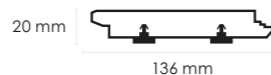
**Bamboo**

**Open line** (QuickClip®)



**Dimensions**  
Profile: 20 x 64 x 1850mm  
Interval of 11mm  
Joists: 12 x 55mm  
*Also available without mounting system*

**Shiplap** (QuickClip®)



**Dimensions**  
Profile: 20 x 136 (coverage width 123,5) x 1850mm  
Joists: 12 x 55mm  
*Also available without mounting system*

**Oak**

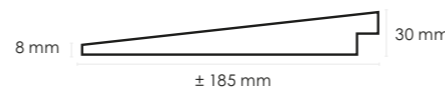
**Rough**

**Weatherboards**



**Dimensions**  
Profile: ±27 x ±150 | 190 x 1500mm or more  
*Fine-sawn (20mm) boards available on request*

**Rebated feather edge**



**Dimensions**  
Profile: ±30/8 x ±185 (coverage width 170) x 2500 to 3000mm  
Slantwise sawn in half  
(Deviations of up to 4/5mm in thickness are possible)

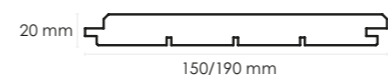
**Planed**

**Smooth rebated feather edge**



**Dimensions**  
Profile: ±20/10 x ±190 (coverage width 170) x 1500mm or more  
Profile: ±20/10 x ±150 (coverage width 130) x 1500mm or more

**4-sided T&G plank**



**Dimensions**  
Profile: ±20 x ±190 (coverage width ±180) x 1500mm or more  
Profile: ±20 x ±150 (coverage width ±140) x 1500mm or more

**2-sided T&G plank**  
(reversible)



**Dimensions**  
Profile: ±20 x ±190 (coverage width ±170) x 1500mm or more  
OR ±20 x ±160 (coverage width ±140) x 1500mm or more

**Shiplap**



**Dimensions**  
Profile: ±20 x ±190 (coverage width 170) x 1500mm or more

**Thermally modified**

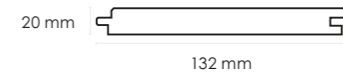


**HOTwood Open line** (QuickClip®)



**Dimensions**  
Profile: 20 x 52 x 1500mm or more  
Interval of 10 mm  
Joists: 12 x 55 mm  
*Also available without mounting system*

**HOTwood Planchet T&G**



**Dimensions**  
Profile: 20 x 132mm (coverage width 123mm)  
Lengths:

- 35%: 900 to 1500mm
- 65%: 1800 to 3000mm

**Mixed selection only**

**Other wood**



**Accoya**

**Open line** (QuickClip®)



**Dimensions**  
Profile: 20 x 52 x 3000mm or more  
Interval of 10mm  
Joists: 12 x 55mm  
*Also available without mounting system*

**Rhombus** (QuickClip®)



**Dimensions**  
Profile: 20 x 52 x 3000mm or more  
Interval of 2mm  
Joists: 12 x 55mm  
*Also available without mounting system*

Explore our complete selection online.





# Wall and ceiling panelling

Our smart systems are also ideal for indoor applications. The combination of stable, thermo wood and the unique Grad® installation system creates a perfect system for **wall and ceiling** panelling. Carpentier guarantees easy installation and a rapid, seamless result. A further advantage is the **noise-reducing** property of wood, which we can adjust for optimal **acoustic** effect. Beautiful results are also possible with other wood varieties, such as oak and barnwood. We can also carry out countless finishing techniques.

## OUR GREATEST ASSETS

- Range of profiles in several wood varieties
- QuickClip® profiles with the invisible Grad® installation system
- Quick installation
- Variety of finishes and colours
- Many options for custom lighting, acoustics and other effects

Our wood is a healthy and sustainable choice for interior use, since it is non-toxic, free of radon and has a positive effect on indoor humidity. Research has shown that wood has a soothing effect and promotes a sense of well-being. Last but not least, wood is naturally beautiful and pleasing to look at. It provides a link to nature and is environmentally friendly.



**Fire-retardant treatment**

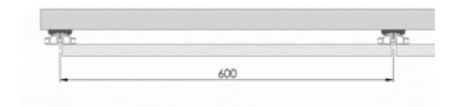
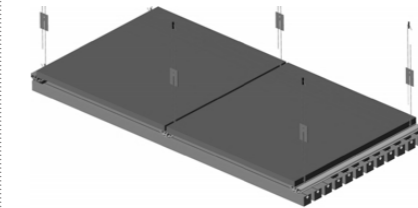


## Acoustic ceiling panels



Carpentier's **high-quality acoustic ceiling solutions** make the beautiful aesthetics of wood part of a comfortable, healthy living environment.

The acoustic ceiling panels in our range are clad with solid wood QuickClip® profiles with open spacing, to which bespoke finishes can be added. They improve the acoustics of a space and prevent echoing. And because they are warm, attractive and impeccably finished, they suit all interior décor styles.



Check out our complete selection of wall and ceiling cladding online at [www.carpentier.be](http://www.carpentier.be)



20

TIMBER DECKING

# Timber decking

There is nothing more stylish, durable and pleasant than a wood deck. Carpentier offers a large assortment of decking in HOTwood ash, HOTwood pine, HOTwood bamboo, Accoya and Kebony.

## Wood varieties

HOTWOOD	22	OAK	23	OTHER WOOD	23
	Ash		Rough		Accoya
	Pine				
	Bamboo				
	Oak				

## Grad® system elements

### Aluminium joists



The aluminium joist system **reduces installation time by up to 50%**. Because clips are pre-mounted on the joists, all the woodworking professional needs to do is click decking boards in place.

See page 10 for more information.

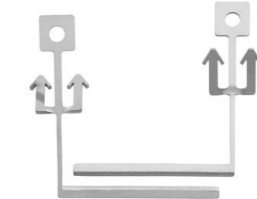
### Adjustable decking risers



Universal decking risers are the **perfect solution for raised decks**. They are easy to install and adjust and made for use with our aluminium joists.

See page 11 for more information.

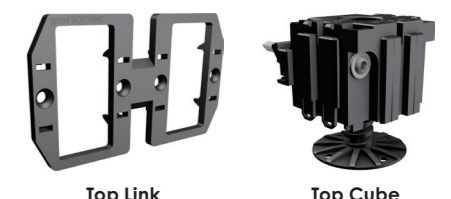
### Disassembly keys



These disassembly keys enable professionals to remove one or more decking boards with no risk of damage.

See page 11 for more information.

### Top Link & Top Cube



Two handy tools that will help achieve a durable, seamless finish for a QuickClip® deck.

See page 11 for more information.

21

TIMBER DECKING

# HOTwood



## Ash

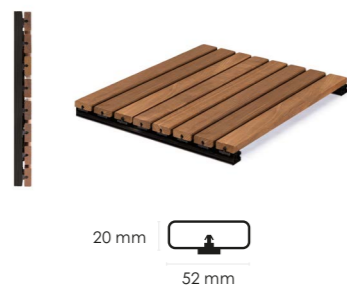
### Decking board



#### Dimensions

20 x 132 x 1800mm or more (most are 2700mm)

### Open line (QuickClip®)



#### Dimensions

Profile: 20 x 52 x 1800mm or more (most are 2700mm)  
Interval of 5mm  
Joists: 39 x 63mm

### Curved decking board (QuickClip®)



#### Dimensions

Profile: 21 x 132 x 1800mm or more  
Interval of 5mm  
Joists: 39 x 63mm

*Slightly curved for speedy draining*

### Decking board (QuickClip®)



#### Dimensions

Profile: 20 x 132 x 1800mm or more (most are 2700mm)  
Interval of 5mm  
Joists: 39 x 63mm

### Plus line (QuickClip®)

Fixed widths in variable pattern



#### Dimensions

Profile: 20 x 40 | 65 | 90 | 140 x 1800mm or more  
Interval of 4mm  
Joists: 39 x 63mm



## Oak

### Curved decking board (QuickClip®)



#### Dimensions

Profile: 20 x 132 x 1500mm  
Interval of 5mm  
Joists: 39 x 63mm

*Slightly curved for speedy draining*

## Pine

### Curved decking board (QuickClip®)



#### Dimensions

Profile: 26 x 118 x 2700mm  
Interval of 6mm  
Joists: 39 x 63mm

*Slightly curved for speedy draining*



## Bamboo

### Decking board (QuickClip®)



#### Dimensions

Profile: 21 x 155 x 1850mm  
Interval of 5mm  
Joists: 39 x 63mm

*Slightly curved for speedy draining*

**NEW** A new, ipe-coloured, 3 metre-long option

Check out our complete selection of bamboo decking boards



# Oak

## Rough

### Decking board (QuickClip®)



#### Dimensions

**Fresh-sawn or dried**  
33 x ±155 | 205 x 2000mm or more

*Planned upon request only*

# Other wood



## Kebony

### Decking board (QuickClip®)



#### Dimensions

Profile: 21 x 119 x 2400 | 2700 | 3000 | 3600 | 4200mm  
Interval of 5mm  
Joists: 39 x 63mm

*Slightly curved for speedy draining*

## Accoya

### Decking board (QuickClip®)



#### Dimensions

Profile: 21 x 144 x 2400 | 3000 | 3600 | 4200mm  
Interval of 5mm  
Joists: 39 x 63mm

*Slightly curved for speedy draining*

**NEW**

Grey option (through impregnation)



# Roof boards

Besides smart solutions for cladding and decking, Carpentier offers many more products that make life easier for professionals. Our oak, poplar and douglas fir roof boards with tongue-and-groove on two or four edges are a good example.



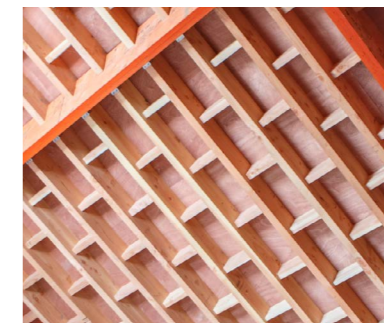
## Oak

The rustic appearance of our oak roof boards makes them the ideal choice for extensions, stables and classic timber-framed buildings. If desired, we can apply a brushed finish to oak roof boards.



## Poplar

Carpentier's European poplar roof boards are a knot-free alternative to oak roof boards. Moreover, poplar is extremely economical and looks beautiful in combination with oak structures. Poplar is generally left untreated.



## Douglas fir

Douglas fir is one of the most durable wood varieties and is therefore suitable for use in an extremely wide range of projects. With its beautiful, rustic appearance and its inherent strength, this naturally solid wood is used mainly outdoors.

Carpentier offers roof boards in various thicknesses and widths and in a range of profiles.





# Finishes

Carpentier offers a range of outdoor finishes to create aesthetically pleasing effects and protect wood from the effects of wind and weather. Options for timber cladding, timber-framed buildings, gates and fencing include pre-weathered thermowood, charred wood and transparent or opaque colour oils and stains. Brushed wood is another alternative.



## Oils and stains

Our durable wood varieties can be finished using the customer's choice of any transparent or opaque protection layer (oil or stain) in any colour. Adding an appropriate finish to wood prolongs its lifespan and makes it easier to maintain.

We monitor developments to ensure that we keep up with the latest colour trends and can apply them to our many sustainable wood varieties. Please do not hesitate to ask us for any advice you may need.

### Maintenance

Depending on weather conditions and colour, exterior wood cladding with an opaque oiled or stained finish will require follow-up treatment every three to five years. Consult our website for further information.

### Transparent finishes

Colourless oil and stain fill the pores of the wood, providing optimal protection against moisture.



### Opaque finishes (pigment-rich oils and stains)

Oils and stains for wood are available in a rainbow of colours and provide just as much protection against the elements and fine dust, both indoors and outdoors. Besides natural tints, black, charcoal and grey, we can also apply a wide range of unique and original colours to our many sustainable varieties. Our painted MDF also comes in all existing colours.

Architectural Line is an exclusive collection of wood panelling in deep metallic tints and an optional brushed finish. These unique colours add a really luxurious look when paired with dark wood varieties. Upon request, we can create a bespoke colour to match an interior design scheme.





# Charring

For our charred wood finish we use Shou Sugi Ban, a technique that originated in Japan and makes wood more durable. To develop the finish, the wood is 'burnt' to create a charred layer that is resistant to the effects of weather. In Japan, wood was traditionally charred to help prevent the spread of fire and to protect wood against insects and mould.

At Carpentier we apply this technique to thermo ash, thermo pine and Douglas fir in particular, since it creates a beautiful, lived-in look while ensuring stability. The charred finish can also be applied to other wood varieties upon request, including Accoya.

Our charred wood is an outstanding and durable choice for cladding of exterior walls and the wooden gates and fencing. It is also ideal for interior projects such as wall panelling.

**OUR GREATEST ASSETS**

- Tailor-made finishes from lightly toasted to deeply charred
- Quick delivery

## Charred wood

HOTwood ash



Douglas fir



Interior use only is advised

Upon request, we can also apply a charred finish to other profiles and wood varieties, including Accoya.

Request more information or view our range online.



## Charred and brushed wood (for interior use only)

HOTwood ash



Charred, then brushed

HOTwood pine

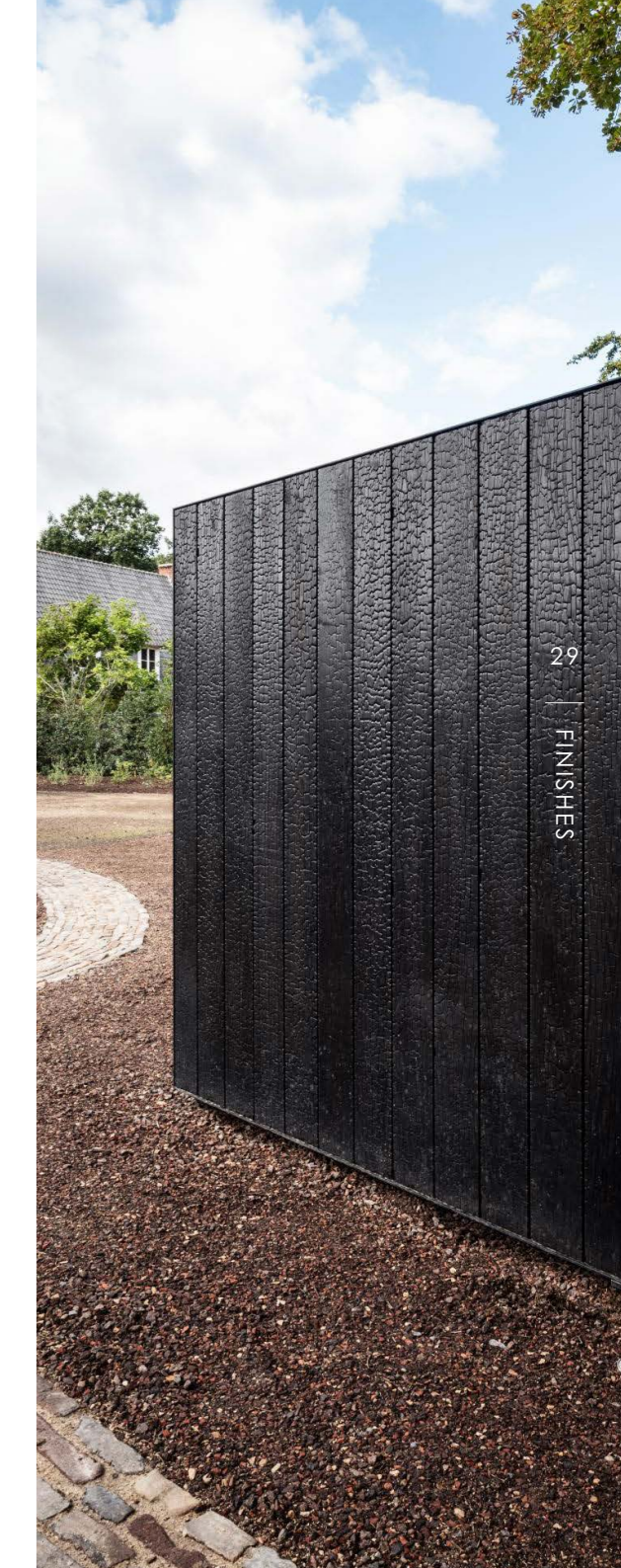


Charred, then brushed

HOTwood pine



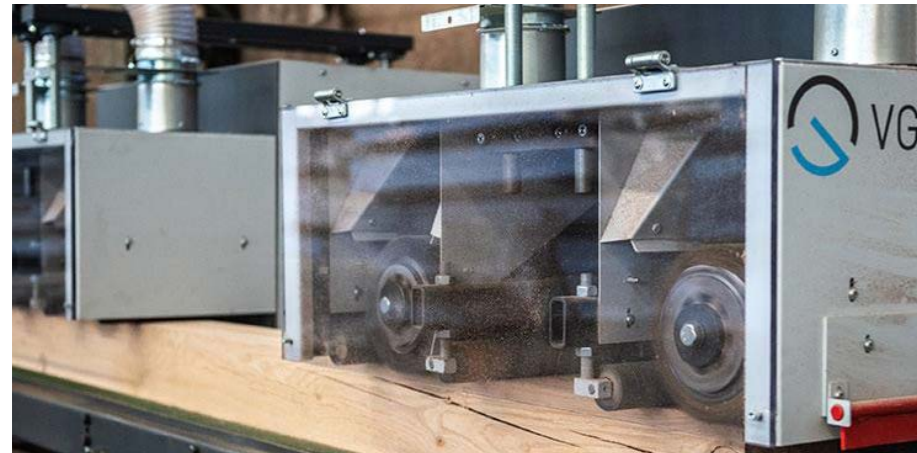
Brushed, then charred



## Brushing

An accurate, high-quality brushing process highlights the natural structure of wood. We use a range of brushes to create the desired finish, from rough to very fine. This technique is suitable for oak, poplar, Douglas fir and thermally treated wood.

If desired, we can treat wood with oil or stain after brushing. Brushed wood with a black finish has a highly refined appearance and can be used in both indoor and outdoor projects.



## Pre-weathering

Applying a unique wax oil containing high-quality pigments gives wood a beautiful, evenly-weathered look instantly. It prevents colour differences and spotting from occurring in eaves and other sections of wood that are less exposed to rain and sun. The timber cladding or wooden outbuilding will develop a beautifully even weathered finish with no spotting, while also requiring very little maintenance.

Applying a coat of VOC-free wax oil is another way to pre-weather wood. This product is also a 100% environmentally-friendly way of achieving a gorgeous weathered look. It is suitable for HOTwood ash, HOTwood pine, oak and more.



## Why opt for sustainable construction?

### The strength of wood

The wood that Carpentier uses to create prefab elements is produced sustainably and legally in managed forests. In this way, it contributes to reducing CO2 emissions. If desired, we can also apply environmentally responsible wood fibre insulation as the final step in creating a fully sustainable building.

### Quick construction and then ready for use

This sustainable building method speeds up construction considerably, an advantage that should not be underestimated. Compared to traditional construction methods, timber-frame construction is much faster all around. There are also time savings on site with this dry construction method, since it is not subject to weather-related delays and elements come together as easily as puzzle pieces. The Carpentier app gets things moving quickly from the design and price calculation phase onwards, which means that a timber-frame house can go from start to finish in a very short space of time.

### Environmentally responsible

In terms of protecting the environment and reducing the ecological footprint of a building, timber-frame construction is the obvious choice. This sustainable construction method results in an energy-efficient home that is supremely comfortable. Besides outstanding thermal insulation, a timber-frame house also offers very good sound insulation. And since timber-frame construction eliminates thermal bridges and renders buildings more energy efficient, their value is also higher. All in all, it should come as no surprise that timber-frame construction has become steadily more popular in recent years.





Be **inspired** by Carpentier Hardwood Solutions

