

# PRODUCT DATA SHEET

Collection: **BASIC**  
 Product: **OAK Character**  
 Product code: **EIEB**

## TECHNICAL PRODUCT DESCRIPTION:

<b>Branches</b>	healthy knots are permitted
<b>Cracks</b>	End and stress cracks up to 300mm are filled with putty
<b>Cracks</b>	small open and unsealed spots of a few mm are permitted
<b>Cotter</b>	not permitted
<b>Worm</b>	not permitted
<b>Discolourisation</b>	permitted
<b>Grain</b>	permitted
<b>Sorting picture</b>	Partial extension of a laid surface with natural oiled surface area: <a href="#">Download</a>
<b>Color difference</b>	is a characteristic of natural wood

## WOOD SPECIES:

**Oak** - The Oak is surely one of the most hard wearing woods. Depending on sort, this hard wood offers surfaces free of knots or very lively with large knots and cracks as well as color varieties from almost white to almost black

## WOOD TREATMENT:

**untreated** - The planks have not received a thermo treatment (Vulcano). The wood is obtained from carefully managed forests managed within Central Europe. The only exception is Siberian Larch which is coming from Siberia, Russia. The mafi philosophy ensures the complete tree is used and nothing is wasted. The resulting variations in lengths and width underline the character of a natural wooden floor.

## TYPE OF PLANK:

**Symmetric-three-layer-construction** - Symmetric-three-layer-construction with bevel on long side (depending on product: small, big, hand-planed) and all side tongue and groove for end to end laying.

- Overlay approx. 4mm consisting of selected quality wood. \*Hand-planed and milled surfaces may have a thinner top layer on partial areas.
- Intermediate softwood, bonded to the overlay and back layer with PVA adhesive
- Back layer approx. 4mm consisting of the same wood as the overlay

## AVAILABLE DIMENSIONS:

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 1800/2000/2200/2400 x 260/280/300 x 19
 

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 1800/2000/2200/2400 x 160 x 16
 

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 1800/2000/2200/2400 x 160 x 19
 

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 1800/2000/2200/2400 x 190 x 16
 

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 1800/2000/2200/2400 x 190 x 19
 

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 1800/2000/2200/2400 x 245 x 16
 

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 1800/2000/2200/2400 x 245 x 19
 

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 2000 x 245 x 16
 

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## SURFACE:

The surface finishing of mafi natural wooden flooring is done exclusively with natural oils, which cure oxidatively. These oils consist of naturally renewable raw materials and are 100% biodegradable. Natural oils are harmless and generally antiallergenic. They provide a pleasant surface and a natural optical appearance of wood.

To obtain the desired visual appearance and quality, each mafi natural wooden floor is oiled twice. This is the reason why we distinguish between:

- **Production surface** = professionally preoiled surface ex works
- **Installed surface** = professionally re-oiled surface after the flooring is laid.

**Exception:** All floors of the Domino collection are delivered with a raw surface.

Floors with the following surfaces are treated with mafi natural care oil balm after being laid:

- grey oiled
- graphite grey oiled
- deep white natured
- rough saw texture

These should be completed by the certified partners of mafi to ensure a guarantee.

## AVAILABLE SURFACE TREATMENT:

**brushed / graphite grey oil:** By brushing wood, it gets a characteristic surface structure depending on its naturally grown wood grain. graphite grey oiled - the two-time application of the oil leads to an intense and dark grey tone in graphite optical

**brushed / grey oil:** By brushing wood, it gets a characteristic surface structure depending on its naturally grown wood grain. grey oiled - grey pigments in the oil make the wood appear weathered.

**brushed / 1x natural oil 1x white oil:** By brushing wood, it gets a characteristic surface structure depending on its naturally grown wood grain. 1x natural oiled/1x white oiled - the plank is treated one time with natural oil and one time with white oil. Therefore the surface has a mixed shade of light yellow.

**brushed / natural oil:** By brushing wood, it gets a characteristic surface structure depending on its naturally grown wood grain. natural oiled - the natural oil intensifies the colour and grain of the wood.

**brushed / raw wood look:** By brushing wood, it gets a characteristic surface structure depending on its naturally grown wood grain. Planks with a raw wood surface are the next step in authentic human-wood experience. Typical oiling deepens the wood color whereas using the Raw Wood technique, the wood changes color very little.

**brushed / white oil:** By brushing wood, it gets a characteristic surface structure depending on its naturally grown wood grain. white oiled - white pigments in the oil brighten the floor.

**brushed / extreme white oil:** By brushing wood, it gets a characteristic surface structure depending on its naturally grown wood grain. extreme white oiled - repeated use of white oil intensifies the light appearance.

**brushed / deep white / natured:** By brushing wood, it gets a characteristic surface structure depending on its naturally grown wood grain.

**rough saw texture / natural oil:** The Rough Sawn surface gives you the look of an untamed and intense character. The raw wood look can excite multiple senses and it offers an overt nature connection, an obvious haptic impression. natural oiled - the natural oil intensifies the colour and grain of the wood.

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**heavily brushed / 1x natural oil 1x white oil:** By heavily brushing it, the wood gets a very intensive surface structure depending on its naturally grown wood grain. 1x natural oiled/1x white oiled - the plank is treated one time with natural oil and one time with white oil. Therefore the surface has a mixed shade of light yellow.

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## UNDERFLOOR HEATING:

Nearly all mafi natural wooden floors are suitable for underfloor heating systems. Only exception is Larch Country. Please have a look into the installation instructions for detailed information. With a room temperature of 21°C the floor's surface temperature should be maximum 29°C.

### ADHESIVE (PVA):

mafi natural wooden floors are exclusively glued together with casein adhesive. It is manufactured with water, carbon, lime, acetic acid and without any use of formaldehyde and solvents. PVA, the principal component for casein adhesive is used for packaging food and therefore it is free of any poisonous category.

### MOISTURE CONTENT OF THE WOOD:

The moisture content of mafi natural wooden floors is between 6 – 8 % ex works. (exception: all Vulcano floors are between 2 – 5 %). This is guaranteed through special analyzers which are continuously calibrated.

### TONGUE AND GROOVE:

The width of each tongue and groove is circa 4mm. It is about keyway. Tongue and groove is on all sides for easy installation.

**Exception:** All floors of the Domino collection are delivered glued on a net without tongue and groove.

### INSTALLATION:

mafi natural wooden floors can be installed floatingly, with floor joists or by gluing. Please take the mafi installation instructions into consideration. mafi natural wood floors can also be used in bathrooms without any problems if the installation guidelines are observed.

### CLEANING AND MAINTENANCE:

First clean the parquet floor with a vacuum cleaner. Mopping parquet is almost as easy as vacuuming. We recommend these six steps for parquet cleaning and care:

- Fill both buckets with warm water.
- Add the appropriate mafi wood floor soap to one bucket (125 ml soap to 5 liters of water). The two-bucket principle ensures that the clean soap water does not mix with the dirty water.
- Spread the soapy water mixture on the floor with a cotton mop.
- After a short reaction time, remove the excess water with the cotton mop and wash out in a second bucket. The mafi wood floor soap loosens the dirt from the pores and the loosened dirt is removed from the floor by picking it up with the mop.
- Then wash the cotton mop in a second bucket with clear water.
- Then repeat steps 3 - 5 for the entire floor surface.
- In principle, mafi natural wood floors can be mopped very damp. Only the floors with Vulcano thermal treatment should only be wiped with a damp cloth.

How often should parquet be mopped?

For normal use in a private household, we recommend cleaning the parquet approximately every four weeks with warm water and mafi wood floor soap. In between, weekly vacuuming is sufficient.

### USAGE:

All mafi natural wood floors comply with CE directives in accordance with ÖNORM EN 14342.

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**P1 / P2 / O:** P1 Suitable for low and medium traffic: bedroom, children's room, lounge, etc. P2 Suitable for medium traffic and heavily frequented areas: kitchen, dining-room etc. O Suitable for commercially used zones. Attention! Only after consultation with an expert and compliance test of the actual area!

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**IMPORTANT ADVICE:**

mafi natural wood floors are pure natural products and therefore unique. Differences in color and textures are because of different growing conditions of the single tree. Samples and exhibition spaces can never match the delivered floor to 100%.

**DUE DILIGENCE:**

The subsurface as well as the goods for installation has to be checked if the standards are kept to the following:

- Parquet works DIN 18356;
- Wooden floors: DIN EN 13489;
- Tolerances in building construction DIN 18202

Each plank or panel has to be checked regarding proper quality prior to installation.

The completion of a heating protocol is imperative if an installation on underfloor heating is realized.

**TECHNICAL DATA:**

Density:	<b>0,43 - 0,96 g/cm<sup>3</sup></b>	g/cm <sup>3</sup>
Thermal resistance:	<b>0,07 - 0,17 m<sup>2</sup>*K/W für 16mm</b>	m <sup>2</sup> k/w
Hardness (Brinel scale)	<b>34 N/mm<sup>2</sup></b>	N/mm <sup>2</sup>
Lindane and Pentachlorophenol	<b>&lt; 5 ppm</b>	ppm
Fire certification	<b>CFL-s1</b>	
Emission Category	<b>E1</b>	
Anti Slip Rate	<b>R11</b>	

**DISCLAIMER:**

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