



**ESTA** <sup>®</sup>  
**PARKET**

# Contents

1	ESTAPARKET DESIGN GRADINGS
4	Choosing Your ESTA PARKET
<b>8</b>	<b>OAK</b>
7	Natural Collection
9	Stained
14	Stained Brushed
18	Stained Pores
<b>19</b>	<b>ASH</b>
20	Natural Collection
21	Stained
23	Stained Brushed / Stained Pores
<b>25</b>	<b>WALNUT, MERBAU, JATOBA, TEAK</b>
<b>26</b>	<b>BEECH, MAPLE, PINE</b>
<b>26</b>	<b>ENGRAVED COLLECTION</b>
28	Maintenance
30	Useful Information
34	Infinity, Castle Plank, Sport floor
38	Certificates

## Top Quality Variable Designs

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The choice of flooring defines the style and ambience of your home. The many options within the ESTA PARKET range will transform your dreams into reality.

Hardwood timbers with their well known hard wearing properties make them ideal for parquet production. Subtle variations in the colours and tones of the wood species will add elegance and style to your home.





# About the company

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The choice of flooring defines the style and ambience of your home. The many options within the ESTA PARKET range will transform your dreams into reality. Hardwood timbers with their well known hard wearing properties make them ideal for parquet production. Subtle variations in the colours and tones of the wood species will add elegance and style to your home.

Natural wood floors are durable, ecologically sound, easy to maintain – and enviable!

Technomar & Adrem is a dynamic family-owned company founded in 1991 in the suburbs of Tallinn, the capital of Estonia, part of the European Union. It manufactures natural wood products in five woodworking factories covering a total area of 200,000 m<sup>2</sup>. The Company employs a staff of 600 and exports to over 50 countries. Technomar & Adrem produces more than 200 designs of parquet floors under the brand name 'ESTA PARKET' and is constantly expanding its range with features such as new patterns of flooring.

The whole manufacturing process, from drying the timber to packing the end products, is carried out under controlled humidity. This is the key to consistent high quality.

Quality control is our main concern and is constantly monitored.









# Choosing Your ESTA PARKET

## Possible Treatments



### Brushing

Is carried out with nylon or metal brushes and is used to emphasize the wood grain of the surface. The effect is often strengthened by application of stained lacquering materials or oil.



### Engraving

Is a special surface treatment that applies a unique pattern on the floor surface.



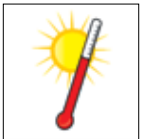
### Staining

Staining allows changing the look of common wood specie like oak or ash and makes the design individual.



### Staining Pores (Only possible on brushed parquet)

Staining of pores will give an individual look to the floor, where grains of wood will receive a colour differing from that of the surface. This gives the floor a more luxurious and unique look.



### Thermo Treatment

Thermo treatment is environmentally safe and it emphasizes the character of the wood. In the process of thermo treatment water and various organic substances evaporate, the timber becomes dark-brown in colour and it's dimensional stability is enhanced. Thermo treatment makes light coloured species darker.



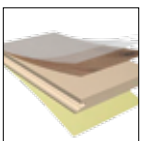
### Ammonia Treatment of Oak

Oak parquet treated with Ammonia is called Smoked. After the treatment the wood becomes darker and gains dark green/brown tone.



### Bevels

1 strip parquet with bevels replicates the effect of a classic wooden floor. The bevels on the long edges create a V-shape spacing between adjacent boards.



### Matt Lacquer

Matt Lacquer surface treatment provides optimal combination of hard wearing properties of the lacquer and natural look of the parquet.



### Oiled Surface

Oil provides natural look to your floor, allowing to feel the texture of the wood and refresh the floor over time to look as new again.

# Selection of Natural Oak

Wood is a natural living material with colour and structure pattern variation. Following design grading are selected at the factory.

	Calm	Living	Rough
City			
Town			
Village			
Ranch			



1 strip Oak City Matt Lac. 2B



3 strip Oak City Matt Lac.



1 strip Oak Town Matt Lac.



3 strip Oak Town Matt Lac.



1 strip Oak Village Dark filler Matt Lac.



3 strip Oak Village Matt Lac.



1 strip Oak Ranch Matt Lac.



1 strip Oak Elite Dark Matt Lac. 2B









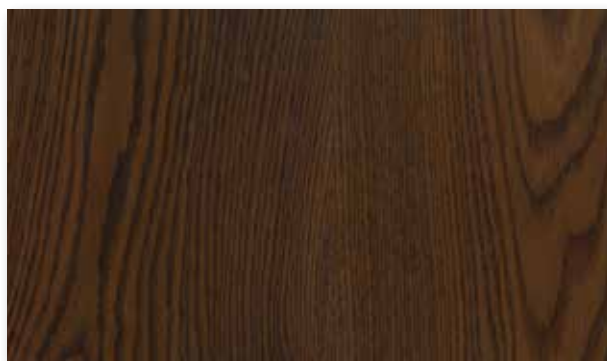
3 strip Oak Thermo Matt Lac.



2 strip Oak Mix Oil



1 strip Oak Smoked Oil



1 strip Oak Thermo Matt Lac.



## OAK

European Oak is the most popular material in parquet flooring production. Oak personifies stability and durability while at the same time being a warm and welcoming material. It's hard wearing surface will remain attractive for many, many years.



# Stained Oak



3 strip Oak Cotton White Matt Lac.



1 strip Oak Satin Grey Matt Lac.



3 strip Oak Satin Grey Matt Lac.



1 strip Oak Brandy Matt Lac.



1 strip Oak Stavanger Matt Lac.



1 strip Oak Stone Grey Oil



3 strip Oak Toronto Matt Lac.



1 strip Oak Noire Oil



3 strip Oak Latte Oil



1 strip Oak Bianco Perla Matt Lac,



1 strip Oak WF White Matt Lac.



3 strip Oak WF White Matt Lac.

# Stained Oak



3 strip Oak Honey Latt Lac.



3 strip Oak Sandstone Matt Lac.



1 strip Oak Sandstone Matt Lac.



1 strip Oak Castle Grey Oil



1 strip Oak Dark Brown Oil



1 strip Oak Chocolate 2B



3 strip Oak Ebony Matt Lac.



2 strip Oak Castle Grey Oil



1 strip Oak Castle Grey Oil



2 strip Oak Ebony Oil





1 strip Oak Antique Matt Lac.



3 strip Oak Antique Matt Lac.







3 strip Oak Dune Matt Lac.



3 strip Oak Nordic White Matt Lac.



2 strip Oak White Oil







# Stained Brushed Oak



1 strip Oak Bitter Brush Matt Lac.



3 strip Oak Bitter Brush Matt Lac.



1 strip Oak Nero Brush Oil



2 strip Oak Dune Brush Oil



1 strip Oak Ebony Brush Matt Lac. 2B



1 strip Dune Brush Matt Lac.



1 strip Oak Dusky Grey Brush Matt Lac.



3 strip Oak Dusky Grey Brush Matt Lac.



3 strip Oak Dusky Grey Brush Matt Lac.







3 strip Oak Bianco Perla Brush Matt Lac.

# Oak Stained Pores



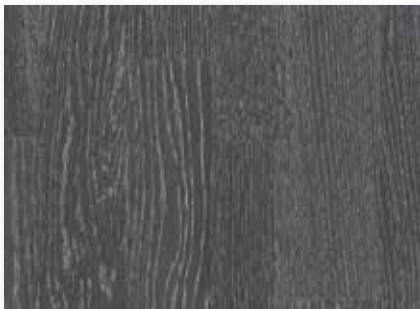
3 strip Oak White Pores Matt Lac.



1 strip Oak Pearl White Pores Matt Lac.



1 strip Oak White Pores Matt Lac.



3 strip Oak Quartz White Pores Matt Lac.



3 strip Oak Mona Grey Matt Lac.



1 strip Oak Mona Grey Matt Lac.



1 strip Oak Silver Moon AB Matt Lac.



1 strip Oak Antracite White Pores Matt Lac.



3 strip Oak Brandy Pores Matt Lac.



3 strip Oak Silver Moon Matt Lac.



1 strip Oak Brandy Pores Matt Lac.





1 strip Oak Dune White Pores Matt Lac.



3 strip Oak Dune White Pores Matt Lac.



1 strip Oak Great Grey Extra Matt Lac.



1 strip Oak Rose Ebony Pores Matt Lac.



1 strip Oak Frost Matt Lac.



3 strip Oak Nordic Frost Matt Lac.



1 strip Oak Dusky Grey Ivory Pores Matt Lac.



3 strip Oak Thermo White Pores Matt Lac.



1 strip Oak Thermo White Pores Matt Lac.

## Oak Stained Pores



1 strip Oak Bianco Perla White Filler Matt Lac.



1 strip Oak Olive Grey Ivory Pores Matt Lac.



3 strip Oak Ebony Pores Matt Lac.





## Selection of Ash

Ash is alternative to Oak in hardness and wear-resistance. The wood offers variety of shades and finishes which can be applied at the factory creating unusual and very beautiful parquet flooring.



## Selection of Natural Ash

Wood is a natural living material with colour and structure pattern variation. Following design grading are selected at the factory.

	Calm	Living	Rough
City			
Elite			
Town			
Village			



3 strip Ash Elite



1 strip Ash City, 2B



3 strip Ash Rustic Matt Lac.



1 strip Ash Town



1 strip Ash Village



3 strip Ash Rustic



# Stained Ash



3 strip Ash Rustic White Matt Lac.



1 strip Ash Village Snow Matt Lac.



3 strip Ash Chestnut Matt Lac.



3 strip Ash Chestnut Matt Lac.



3 strip Ash Elite White



3 strip Ash Stone Grey Matt Lac.



3 strip Ash Stone Grey Oil



1 strip Ash Amber Matt Lac.



3 strip Rustic Rose Matt Lac.

# Stained Ash



1 strip Ash Natur Stone Grey Oil



3 strip Ash Red Matt Lac.



3 strip Ash Ebony Matt Lac.



3 strip Ash Honey Matt Lac.



3 strip Ash Rustic Castle Grey Oil



1 strip Ash Antracite Matt Lac.



3 strip Ash Rustic Dusky Grey Oil



1 strip Ash Brandy Matt Lac.



1 strip Ash Natur Dusky Grey Oil



3 strip Ash Brandy Matt Lac.



3 strip Ash Rustic Bianco Perla Matt Lac.



3 strip Ash Elite Mocca Oil



# Stained, Brushed, Stained Pores Ash



1 strip Ash Dark Thermo Ebony Pores Matt Lac.



1 strip Ash Nero Brush Matt Lac.



3 strip Ash Grey Brush Matt Lac.



3 strip Ash Brandy Brushed Matt Lac.



3 strip Ash Golden Thermo Ebony Pores Matt Lac.



3 strip Ash Dune Brush Matt Lac.



1 strip Ash Golden Thermo White Pores Matt Lac.



1 strip Ash Urban Dusky Grey Brush Oil



1 strip Ash Urban Ebony Pores Matt Lac.



3 strip Ash Ebony Pores Matt Lac.





# Walnut, Merbau, Jatoba, Teak



3 strip Merbau Ebony Pores Lac.



3 strip Merbau Matt Lac.



1 strip Merbau Matt Lac.



1 strip Merbau Matt Lac.



3 strip Jatoba Matt Lac.



1 strip Jatoba Matt Lac.



1 strip Walnut City Matt Lac.



1 strip Walnut Village Matt Lac.



1 strip Walnut Town Matt Lac.



3 strip Walnut City Matt Lac.



1 strip Teak 2B Matt Lac.



3 strip Walnut Village Matt Lac.

# Beech, Maple, Pine



3 strip Beech City Matt Lac.



1 strip Larch Oil



3 strip Maple Matt Lac.



3 strip Beech Village Matt Lac. 2B



1 strip Pine White Oil



3 strip Beech Shoko Matt Lac.

# Engraved Collection



1 strip Ash Brandy Oil Engraved



3 strip Ash Rustic Bitter Pores Matt Lac. Engraved



3 strip Oak Honey Matt Lac. Engraved



3 strip Walnut Oil Engraved



1 strip Oak City 200C Oil Engraved



3 strip Oak Bitter Matt Lac. Engraved



# Engraved Collection



1 strip Ash Brandy Brush Oil Engraved



1 strip Ash Town White Oil Engraved



1 strip Oak Bitter Pores Engraved



3 strip Oak Oil Engraved



3 strip Oak Thermo Engraved Lac.



## MAINTENANCE

To maintain the beauty of your floor for years to come please note the following:

### AIR TEMPERATURE AND AIR MOISTURE

Parquet board is produced of 100% natural timber, therefore significant moisture variations can influence it. It is important to maintain the relative humidity in the room as stable as

possible. Our recommended humidity is RH 40–60%.

Recommended average temperature is 14–23°C. If the moisture and temperature readings differ from the above considerably, the parquet boards can shrink or swell.

This may pass when the moisture and temperature return to the recommended limits.





The movement can be brought to a minimum if you employ humidifiers in air that is too dry, or heaters in air that is too moist.


#### DAMAGE PREVENTION

- Please monitor moisture and temperature as set out above and take corrective measures if necessary.
- Place a doormat at the entrance.
- Avoid placing wet articles on the parquet.
- Use a damp cloth only if necessary to clean the floor using MINIMUM moisture. Apply floor cleaning solution directly on the mat, not on the floor.
- Clean off occasional spots / stains immediately.
- Glue soft pads to the feet of furniture.
- Do not wear high-heel shoes on wooden floors.

# WOOD HARDNESS

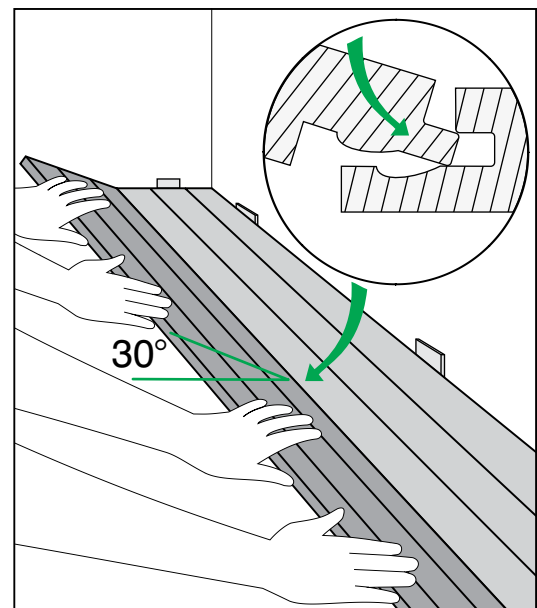
The Brinell scale defines the hardness of wood. The higher the scale reading – the better the wood resists impacts and wear. The Brinell readings below were taken at 12% moisture content of the wood.

Please note that none of the wood species can resist essential spot impacts – a drop of heavy articles, for example. For the same reason it is recommended to glue soft felt pads to furniture legs.

	SOFT	MEDIUM	HARD		
Jatoba					7,0 - 7,7
Merbau					4,1 - 4,9
Ash					3,3 - 4,1
Oak					2,9 - 3,7
Walnut					2,8 - 3,5
Birch					2,2 - 2,7

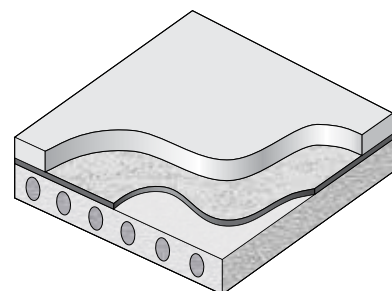
## ESTA CLICK PATENTED

- ESTA PARKET boards with click locking can be installed easily and quickly. No glue is necessary to fix the boards.
- The boards will close tight against each other once they are locked.
- Tight locking protects the boards against occasional spill of water.



## TOP (WEAR) LAYER

- The top layer/plank of valuable wood is available in thickness 3,0–6,4 mm. After installation it can be sanded several times, if the need be.
- The top layer is finished with environment-friendly lacquers or oils that do not contain solvents or formaldehyde, and do not give off any hazardous gases.





# THE STRUCTURE DRAWING & EXPLANATION

- All wood materials used in the production of ESTA PARKET are dried / conditioned within our factory complex, and this guarantees stability of the boards construction.
- Flooring boards are glued at low temperatures, there is no inner tension within the components making up the finished product, and therefore they perform better as a laid floor.
- The bottom layer is a Birch veneer, that adds to the board stability.
- The resins used in production are non-toxic, and the parquet complies with the severest health requirements.
- ESTA PARKET is recommended to be used over under floor heating. Our parquet performs well even under Scandinavian variations of moisture and temperature.



Compensation bottom Birch veneer layer

Wood protection layer of Lacquer or Oil

Wood Wear Layer

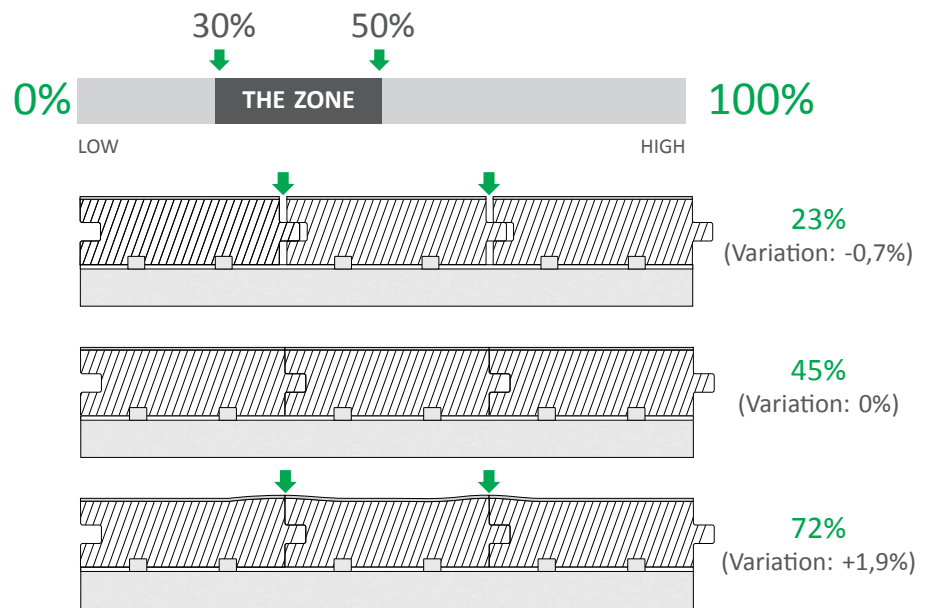
Middle Layer from Pine





## CLIMATE

To minimize the expansion or contraction of your floor, the building should be well ventilated and relative humidity level maintained between 40%–60% at all times, before You bring parquet to the sight. Beforehand the floor installation, painting, plastering and cement work must be completely dry. Parquet boards must be left in the room unpacked to acclimatize at a temperature between 14°C–23°C for a period of at least 48 hours at a relative humidity level between 40%–60%.

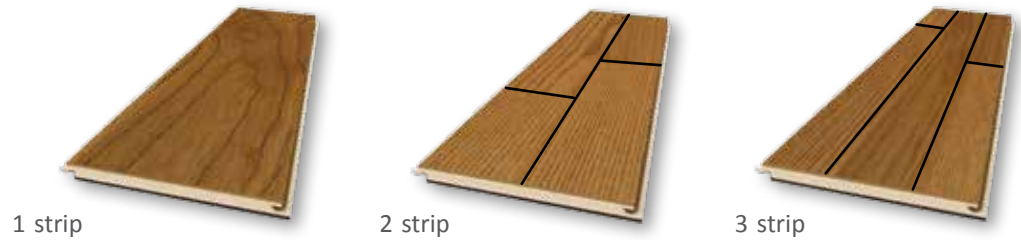


## PARQUET BOARDS AND HEATED FLOORS

Floors with underfloor heating are more and more popular. For heated floors we recommend to use ESTA PARKET 14 mm thick either laid as a floating floor, or glued down to the subfloor. Glued down floors distribute the heat more uniformly. The heating system should be adjusted so that the parquet temperature never exceeds +27°C. The maximum variation in temperature should not be more than +5°C in 24 hours.



## Difference between 1, 2 and 3 strip parquet



## Infinity



Infinity is the surface covering system composing of 10 panels that have coupling non-straight edge shapes. The edges are profiled with tongue & groove to prevent movement of adjacent panels surfaces in relation to each other. Each panel is 2,2 m long and is 180 – 240 mm wide, averaging at 200 mm, so each panel covers approximately 0,44 m<sup>2</sup>.



## Castle plank

Etaparket offers Castle Plank Coolection in Oak. Beautiful woodtexture on wide plank will give a unique feeling to your home. Boards that are 240 mm wide will turn your home into a real Castle.

## Estasport



Etaparket manufactures Sport floor system per tailored orders. Please contact for more information.



# Construction Options

- Birch Plywood Core (multilayer parquet)



- 3 Layer Construction (bottom layer – birch veneer, core layer – solid pine strips, top layer – precious wood (Oak, Ash etc.)



Both constructions can be made in different thicknesses

14 mm with top layer thickness above 3 mm (Standard Construction)

- Most popular construction with installation on concrete floor with underlayment.
- Efficient floating installation with Click system.



16 mm thick with 6 mm top layer

- Possibility to have a long lasting 6 mm top layer on the parquet suitable for installation on concrete floor with underlayment. Such floor can be sanded as many times as solid parquet. The solution is outstanding for rooms, where advantages of solid floor are required but keeping the minimal floor height is important.



## Alternative to Solid Floor

22 mm thick with 6 mm top layer

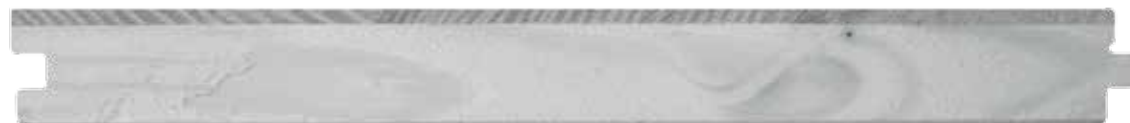
Same useful thickness top layer as on solid floor

- Parquet can be installed straight to the beams with no need for the subfloor
- Higher stability due to sandwich construction
- Considerably Greener (Less hardwood trees will be used by manufacturing of same m<sup>2</sup> compared to solid floor)
- Floor can be sanded as many times as solid wood floor



22 mm thick boards with top layer thickness above 3 mm

Parquet can be installed straight to the beams with no need for the subfloor



- Higher stability due to sandwich construction
- Considerably Greener (Less hardwood trees will be used by manufacturing of same m<sup>2</sup> compared to solid floor)
- Floor can be sanded as many times as solid wood floor

Dance and Sports Floor solutions available upon request

# QUALITY CERTIFICATES FOR ESTA PARKET

## All ESTA PARKET

products meet the highest quality requirements.

### TEST CERTIFICATE CE EN 14342

Certificate for performance of construction products for the CE marking.

### DAR TEST CERTIFICATE

Certificate for the performance of the parquet.

### KLUMPP coatings

Certificate for Miraphen UV-Parquet coatings.

### ISO 9001

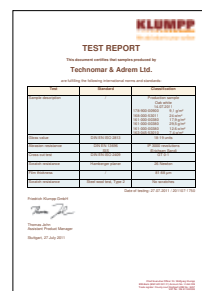
International confirmation of quality, arranged by Det Norske Veritas.



CE EN 14342



DAR



KLUMPP



ISO 9001



Technomar & Adrem Ltd is committed to conserving the environment and it contributes to sustainable development by responsible and transparent decisions on sourcing of material and the disposal of waste.

Our objective is to live in harmony with nature – now and in the future.

## Environmental Policy

This is a sphere of the utmost importance for the company. Our goal is to develop products environmentally friendly and the company is constantly working on it, strictly following the international and national regulations.

The glue, lacquer and oil, we use in the production, are harmless for the environment and health.

We are committed to the sustainability of exotic wood species. By using the latest advancements in wood staining technology on renewable tree species we are able to offer floors in different shades resembling many of the rare exotic wood species. This way we contribute to the preservation of rainforests.

We use our raw materials sparingly, almost without any waste, the off cuts are used for packaging and heating of our factories and offices, thus the minimum expenditures for energy consumption are achieved.

External audits and reviews of our environmental management systems are carried out on a regular basis.





## Contact

Technomar & Adrem Ltd.

Vana-Narva mnt. 22  
74114 Maardu  
ESTONIA

Phone +372 603 4865  
+372 603 4896

Fax +372 603 4844  
+372 603 4845

E-mail: [info@estaparket.eu](mailto:info@estaparket.eu)

Website: [www.estaparket.eu](http://www.estaparket.eu)

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