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Our values



Poplar wood



Products



Contacts







**“Engineering wood is our mission,
making quality products is our job”**

We are a family-run firm founded in 1964 and located in the lower Mantua area, close to the Po and Oglio rivers. We have always used poplar as a raw material: poplar is the main element of our production. Our company specializes in the production of poplar and exotic plywoods such as Okumè, Ceiba or Ilomba. The production makes use of the most modern machinery and technologies, which make it possible to create diversified, high quality products that meet the different customer. The strength of Benazzi Compensati is its flexibility and the search for customized solutions according to customer requests. The skills of the men who work in this company make the difference.





The favorable environment

Compensati Benazzi is in the Po Valley where the Oglio river flows into the Po. It is here, in the floodplains of the two rivers, that most of the poplar cultivation is concentrated. It is here that Italian poplar cultivation has become the “art of poplar cultivation”, a real excellence, recognized and imitated by many countries around the world.



Tradition and evolution

The art of poplar cultivation is the result of a long tradition, which dates its roots in the post-war period. In the 1950s, a strong demand for poplar timber developed in the packaging sector: packaging for fruit and vegetables was produced from sawing the upper part of the poplar trunk. It was in those years that Benazzi had been born.

The knowledge of poplar and of its characteristics as raw material was handed down and, starting from the second generation, Benazzi evolves in the production of plywood becoming Benazzi Compensati S.r.l.



Reliability

We have been operating in this sector for more than 50 years, with seriousness and concreteness. For three generations, we have been passing on and making use of the experience and knowledge of the characteristics of this raw material. The knowledge and experience of the people who work with us make the difference.



Looking to the future

Our strength is to handle a sustainable product, from which a landscape and occupational benefit is derived; we are proud to exploit an easily renewable raw material, with a growing cycle of 10 years, whose waste is optimized to the maximum. We are aware of the resources that are necessary to produce poplar plywood, and we try to make the most of them: all parts of the raw material are reused without waste. To pursue this goal, we keep the company up-to-date technologically, ensuring optimized production processes while respecting the environment.



Attention

The characteristic of being able to lend itself to the customer's needs is in the nature of the poplar plywood. We work a living product: it comes from a living organism, the plant; each plant is unique and can have different features and problems that must be taken into consideration in order to create a quality product.

Our job is to adapt the technical needs, the quality of formats and thicknesses to the needs of our customers.

— Poplar wood





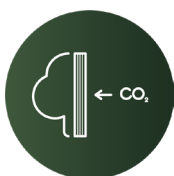
The raw material

Thanks to the selection of genetically superior clones - the most famous in Italy is the "I-214" clone - and the development of machining techniques aimed at enhancing its "natural" strengths, poplar wood is particularly suitable for the production of plywood.

The Italian poplar cultivation, which deeply characterizes the landscape of the Po Valley, has determined a series of important consequences over time, contributing to the integration of agricultural incomes and socio-economic development. The availability of quantities of poplar, that can be obtained in a short period of time - with growing cycles of 10/12 years - and programmed according to the amounts and high quality characteristics, has driven the success of Italy's plywood industry, and contributed to the development of the furniture sector and its global success. It is called "green gold" because poplar cultivation reconciles economic and ecological needs. Cultivating poplar means sustainable economic development: poplar cultivation generates new economic and employment opportunities for the entire production chain involved, from the agro-forestry system, which produces the raw material with few interventions and a limited use of chemical means compared to other crops, up to machining and finishing companies.

Poplar and environment

Poplar is synonymous of environment protection, because it helps to improve air, water and soil: it creates landscape, enriches ecosystems, and limits the phenomena of desertification and soil erosion.



Poplar has a significant capacity of purifying the air: it removes from the atmosphere about 70-140 liters of carbon dioxide per hour and gives out as much oxygen. Its carbon sink function continues even after the wood has been turned into a finished product.



Poplar is able to distill the water absorbed from the ground, to return it into a purified state into the atmosphere by transpiration. It is also used in forestry buffer zones, in order to favour the absorption of nitrates and to prevent eutrophication of water bodies.



Poplar means renewable energy. It is one of the tree species providing the highest performance, since more than others it optimises the yield of biomass to produce heat and electricity.



Poplar limits the erosion of the soil and forming of deserts, increases the biodiversity of natural habitats and valorises the landscape.





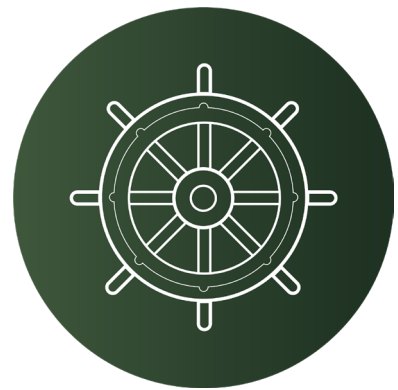
Automotive

walls for refrigerated trucks
and commercial vehicles,
interior coatings for cars
and caravans



Parquet

flooring for interiors, boats
or caravans

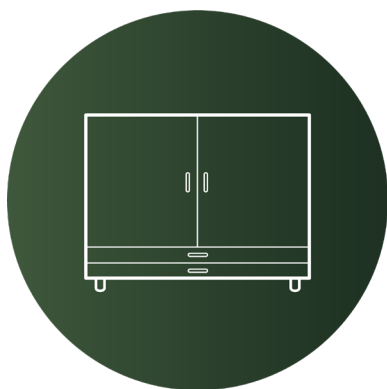


Boat building

furnishings, internal
compartments,
superstructures, flooring

Applications

Use of plywood panels varies depending on the way it was made, composition of the panel and the choice of clone; some of these bear characteristics of the wood make them more suited to use in home furnishings, and others for structural use or any application that calls for higher mechanical performance.



Carpentry

kitchen furniture,
bathroom,
outdoor furnishings,
doors and windows



Hobbies

modeling, DIY,
painting, carpentry,
children's games,
do-it-yourself works

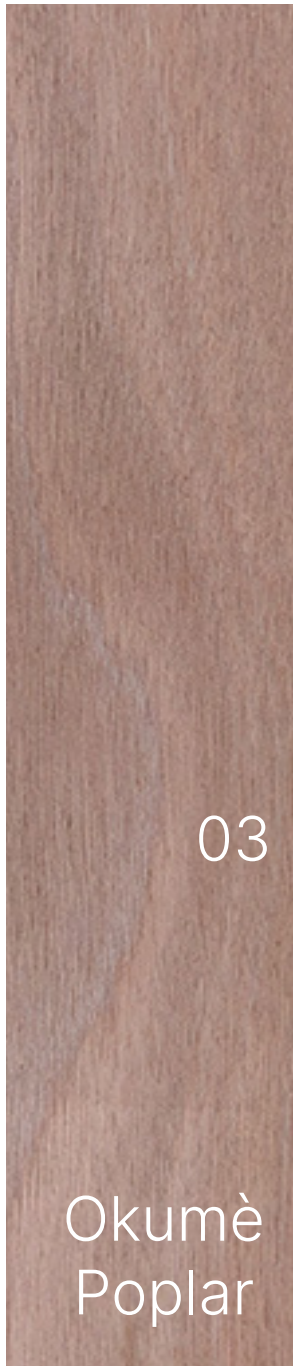
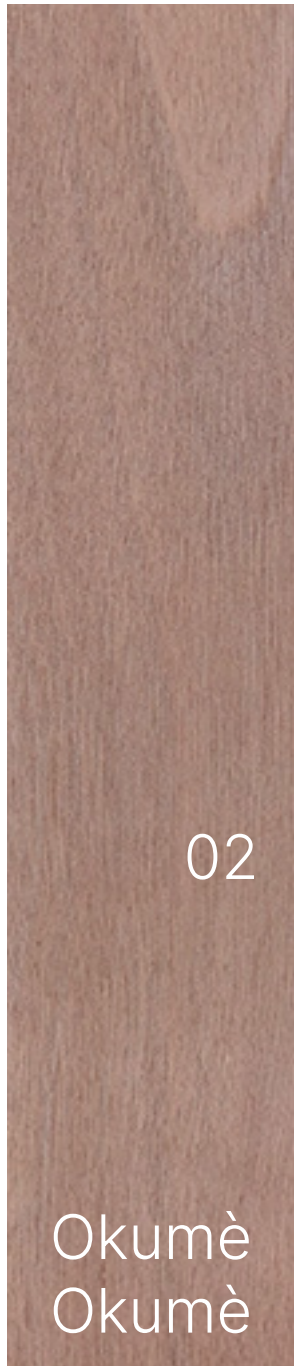
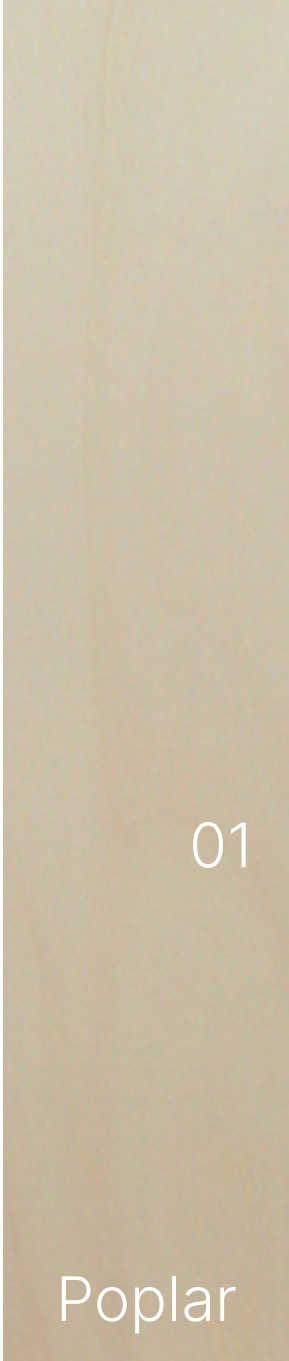


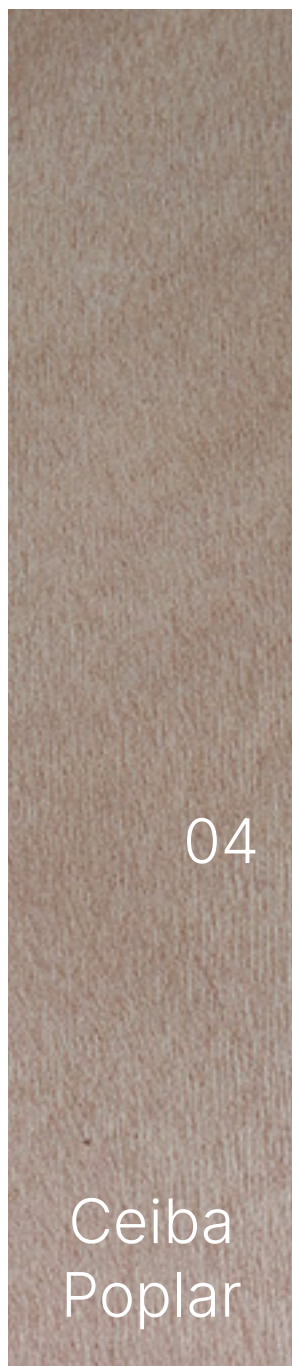
Constructions

buildings, carpentry,
entrance door, blinds
and shades, titling doors,
wooden houses, external
facade cladding,
mezzanines and lofts

Plywood

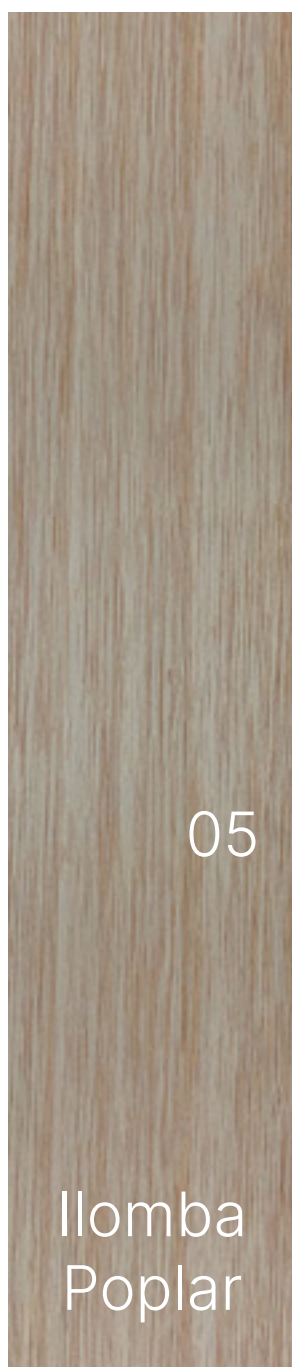






04

Ceiba
Poplar



05

Ilomba
Poplar



06

Veneered
Panel

Poplar Panel

Feautures





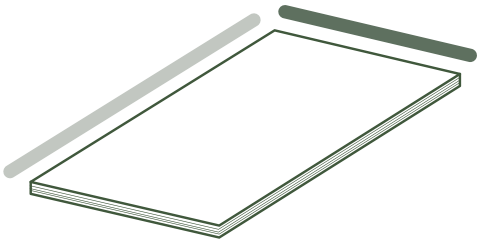


Poplar Panel

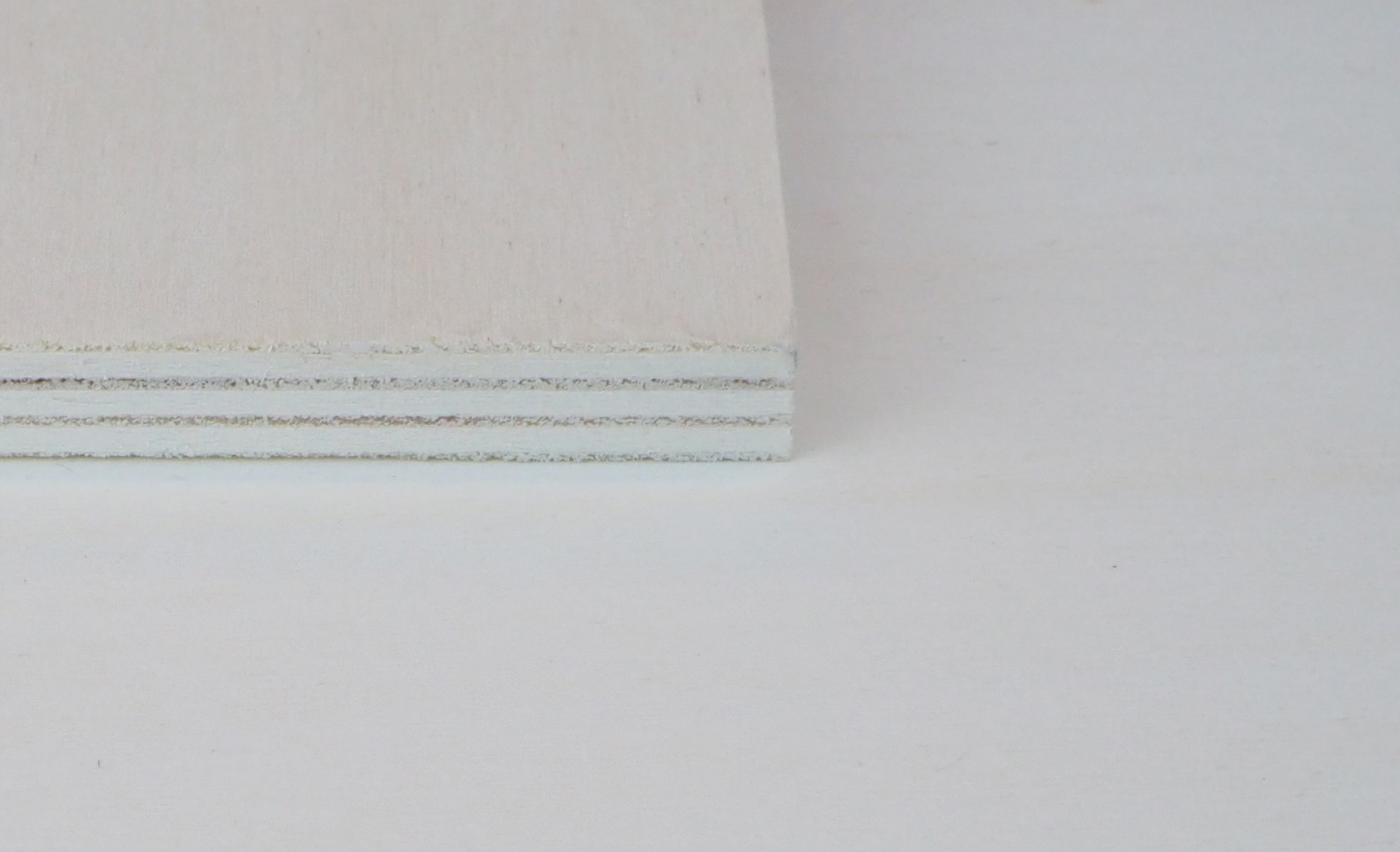
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202	122	162	173		202
222	122	162	173	185	
253	122	162	173	185	
LONGITUDINAL MEASURES					

202	312
TRANSVERSAL MEASURES	

LENGTH
WIDTH



CUSTOMIZATION
Other dimensions and specific thickness
tolerances upon request



thickness mm	n° layers
3 4 5 6	3
5 6 8 10	5
12 15	7
18 20	9
22 25	11
30	13
40	17
49	21
59	23

Tolerances for length, width, thickness, squareness and edge straightness are specified in UNI EN 315

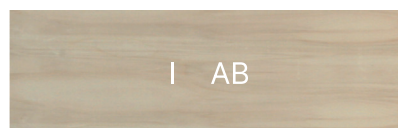
BONDING CLASS

1

1+

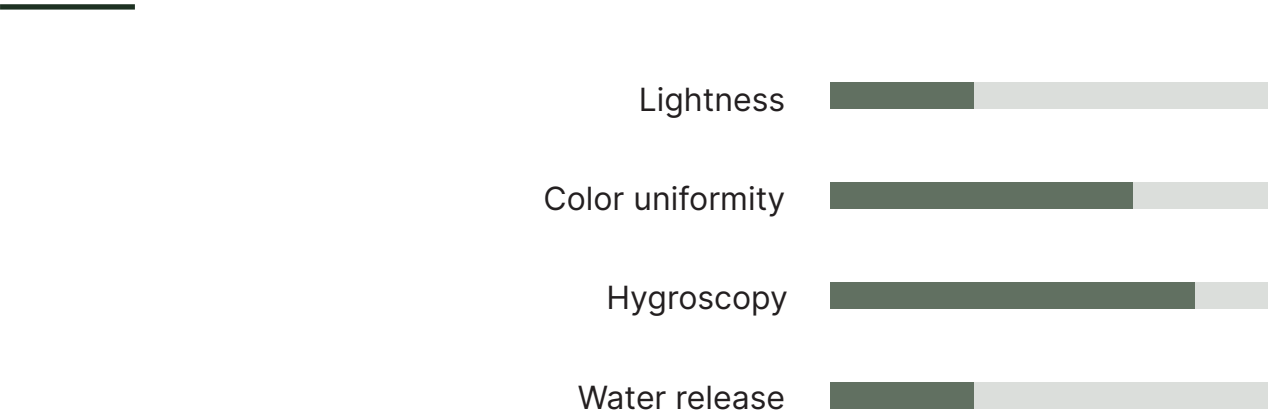
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QUALITY GRADES



Okumè | Okumè Panel

Feautures





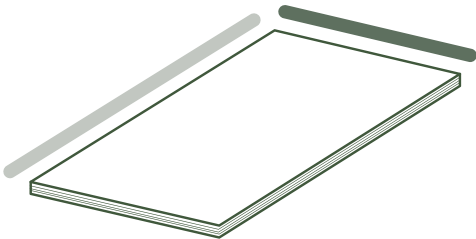
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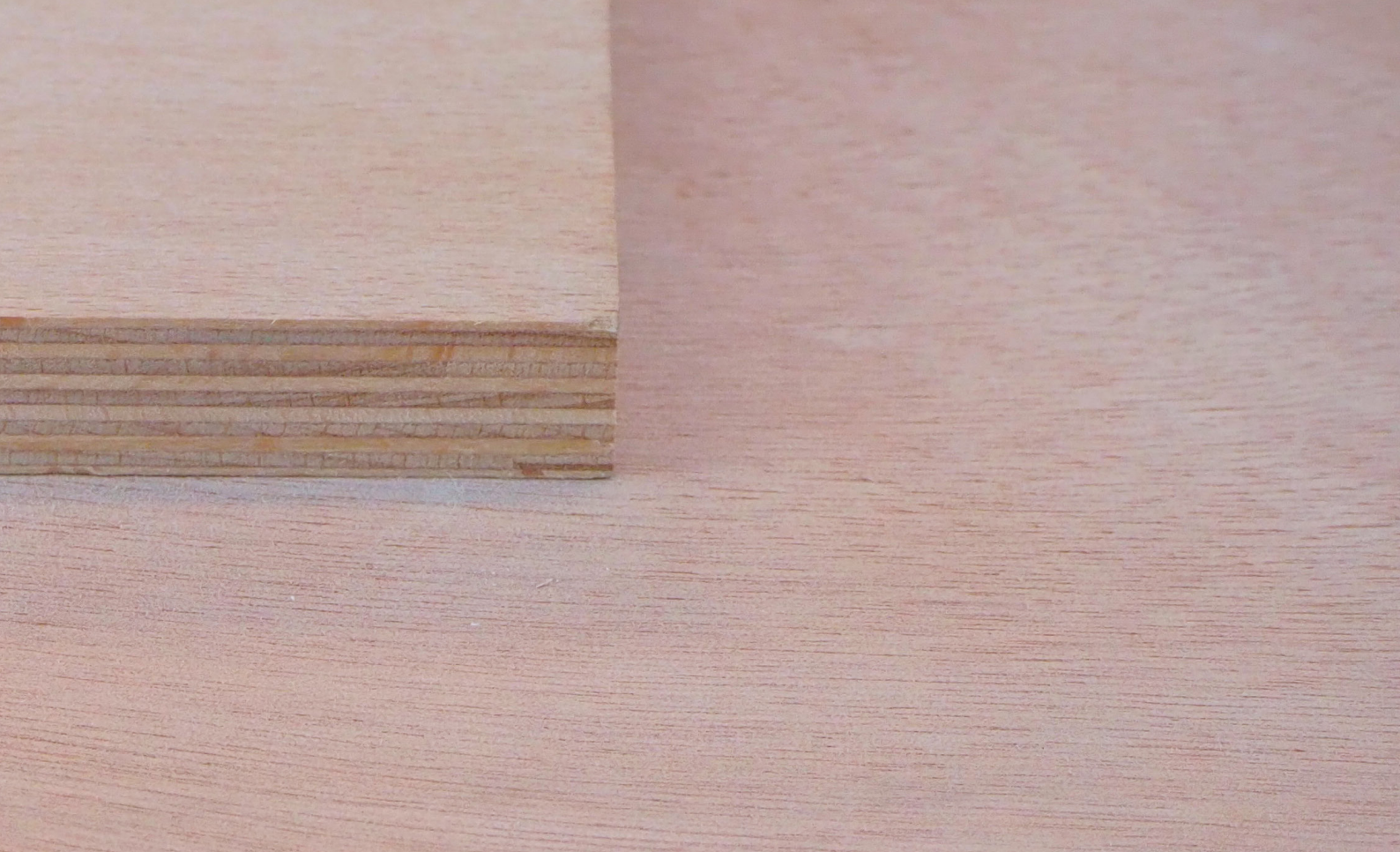
Okumè | Okumè Panel

LENGTH	WIDTH	
252	122	
312	122	
LONGITUDINAL MEASURES		

CUSTOMIZATION
Other dimensions and specific thickness
tolerances upon request

LENGTH
WIDTH





thickness mm	n° layers
3 4 5 6	3
6 8 10	5
12 15	7
18 19 20	9
22 25	11
30 35 40	13 15 17

Tolerances for length, width, thickness, squareness and edge straightness are specified in UNI EN 315

BONDING CLASS



QUALITY GRADES

FRONT	BACK
I AB	I AB
II B	III BB

Okumè | Poplar Panel

Feautures





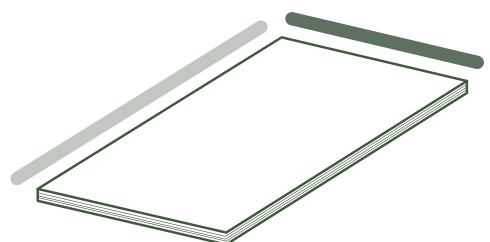
Okumè | Poplar Panel

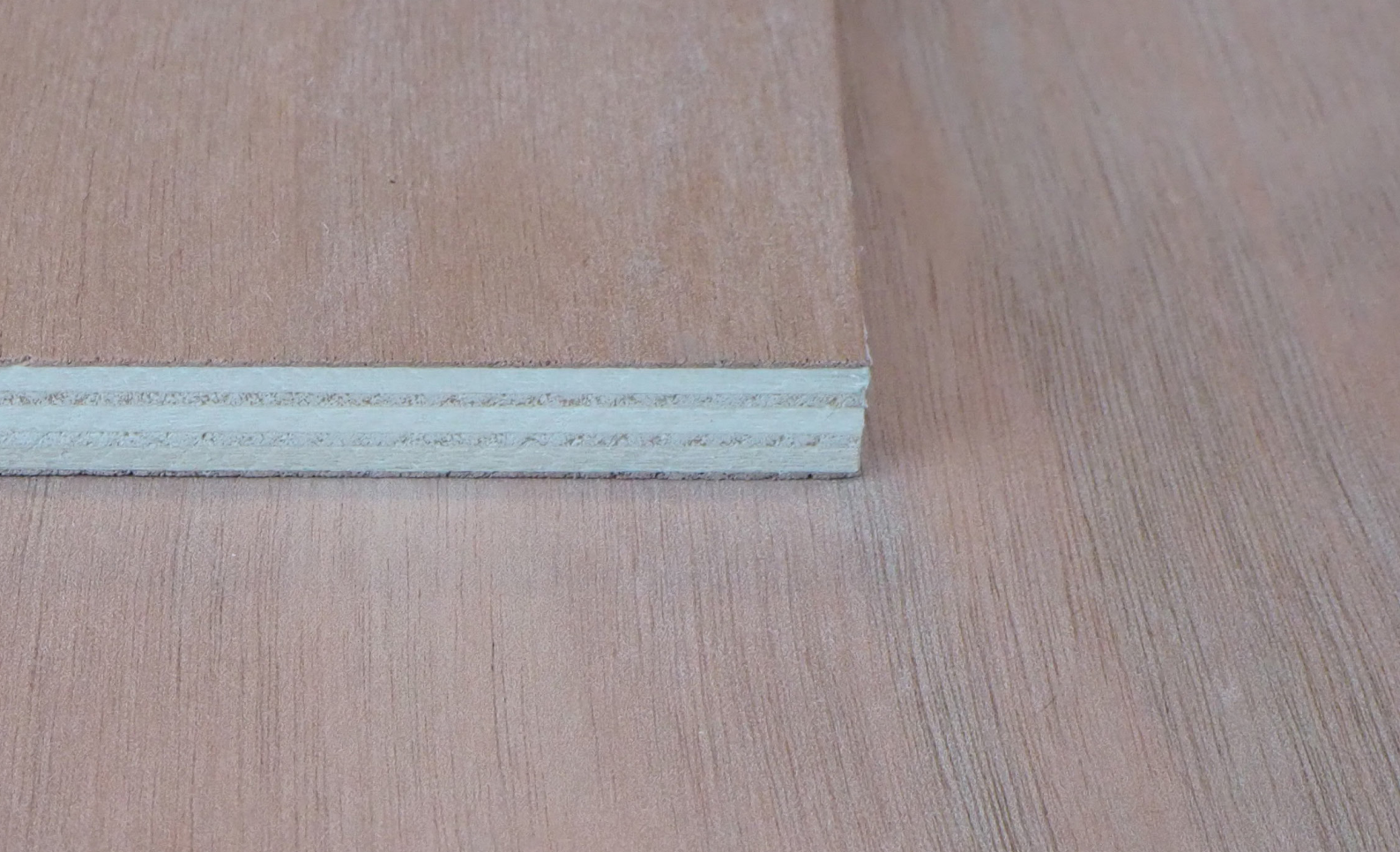
LENGTH		WIDTH	
252	122		173
312	122	202	
LONGITUDINAL MEASURES			

CUSTOMIZATION

Other dimensions and specific thickness
tolerances upon request

LENGTH
WIDTH





thickness mm	n° layers
3 4 5 6	3
6 8 10	5
12 15	7
18 19 20	9
22 25	11
30 35 40	13 15 17

Tolerances for length, width, thickness, squareness and edge straightness are specified in UNI EN 315

BONDING CLASS



QUALITY GRADES



Ceiba | Poplar Panel

Feautures

Lightness



Color uniformity



Hygroscopy



Water release





04

Ceiba | Poplar Panel

LENGTH

252

122

WIDTH

172



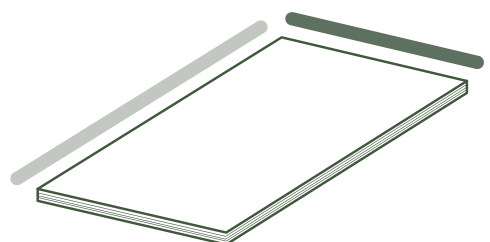
LONGITUDINAL MEASURES

CUSTOMIZATION

Other dimensions and specific thickness
tolerances upon request



LENGTH
WIDTH





thickness mm	n° layers
3 4 5 6	3
6 8 10	5
12 15	7
18 19 20	9
22 25	11
30 35 40	13 15 17

Tolerances for length, width, thickness, squareness and edge straightness are specified in UNI EN 315

BONDING CLASS

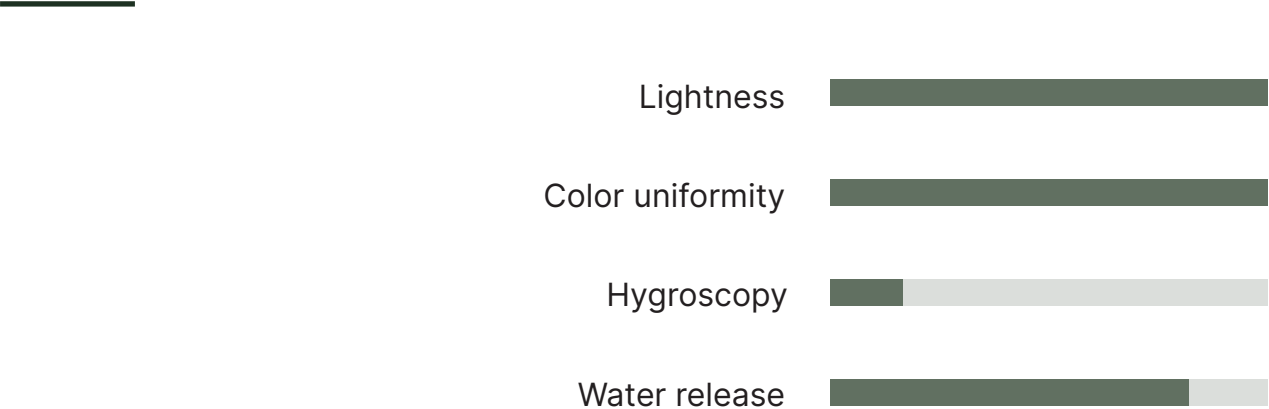


QUALITY GRADES

FRONT	BACK
II B	III BB

Ilomba | Poplar Panel

Feautures





Ilomba | Poplar Panel

LENGTH

252

WIDTH

122

Ilomba | Poplar



LONGITUDINAL MEASURES

CUSTOMIZATION

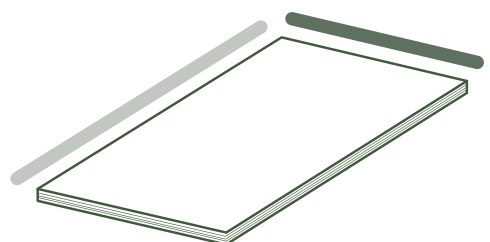
Other dimensions and specific thickness
tolerances upon request



LENGTH



WIDTH





thickness mm	n° layers
3 4 5 6	3
6 8 10	5
12 15	7
18 19 20	9
22 25	11
30 35 40	13 15 17

Tolerances for length, width, thickness, squareness and edge straightness are specified in UNI EN 315

BONDING CLASS

1

QUALITY GRADES

FRONT		BACK	
III	BB	III	BB
external jointed slats			

Veneered Panel

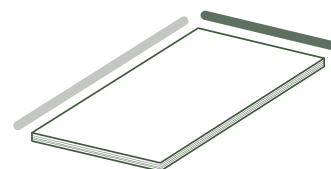


Veneered Panel



CUSTOMIZATION
Other dimensions and specific thickness tolerances upon request

— LENGTH
— WIDTH



ESSENZE AFRICANE



ESSENZE EUROPEE





thickness mm

n° layers

4

3

8 | 10

5

12

7

thickness mm

n° layers

4 | 5

3

6 | 8 | 10

5

12

7

Tolerances for length, width, thickness, squareness and edge straightness are specified in UNI EN 315

BONDING CLASS

1

2

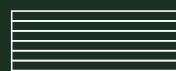
QUALITY GRADES

FRONT

CORE

BACK

I AB



III BB

Wood
essence

Poplar

Poplar

Wood
essence

Poplar


Wood
essence

on request



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