

MASQUELACK



WOOD COATINGS

MASQUELACK

VARNISHES FOR WOOD CONSTRUCTION

SUSTAINABLE PROTECTION AND DECORATION

# Index

MASQUELACK	PAG.3
Why this catalogue?	PAG.4
Sustainability and Environment	PAG.5
VINDOWS	PAG.6
· MasqueWoodPro	PAG.8
· MasquePrimer	PAG.9
· MasqueMid	PAG.10
· MasqueTop	PAG.11
· Procedure	PAG.12
FAÇADES	PAG.14
· Saturators	PAG.16
· Exterlack	PAG.17
EXTERLACK BEAMS	PAG.18
MASQUESAFE	PAG.20
MASQUELACK GUARANTEE	PAG.23



MASQUELACK is a company with more than 40 years of history dedicated to producing wood varnishes and therefore, focused on wood protection and decoration. During these decades, the company has evolved improving its facilities and adapting itself to the new challenges of the wood industry without losing its essence.

The growth of our company is based on four fundamental pillars:



Our mission is to achieve that MASQUELACK is internationally recognized by:

- Offering high added valued products and services.
- Its delivery reliability.
- Being a proactive and agile partner.

Therefore, the mindset of the entire company and our daily actions are based on these market commitments.



# Why this catalogue?

Due to its numerous advantages, wood has been used by our ancestors to build, totally or partially, their constructions. As it is widely known, it is the only ecologic, sustainable, renewable, recyclable, non-toxic material. Additionally, wood has excellent acoustic and thermal insulating properties.

The laminated beams produced these last years have proved to provide great stability, resistance to traction and a versatile design. The CLT (Cross Laminated Timber) is another innovation in wood construction. Its mechanic properties and stability make it appropriate for ceilings, walls, floors etc.

As a consequence of these technological advancements and the optimization of its structural properties, timber is increasingly being used in construction as it provides the same (or even higher) results and guarantees as any other construction material. These advancements alongside its quick installation and sustainability make wood the construction material of the future.

4



Over the past few years, the use of wood has significantly increased in construction. MASQUELACK, dedicated to the manufacturing of varnishes for protecting and enhancing the appearance of wood for decades, has sought to actively participate in that growing market. For that purpose, it has created a wide range of products for the PROTECTION AND DECORATION OF WOOD.

This catalogue will provide you with all the information about our products aiming at the construction sector: window, façades, beams and fire protection systems as well as technical information, painting technics and guarantees.

# Sustainability and environment

One of the pillars of MASQUELACK is to provide sustainable and environmental solutions in accordance with the new market demands. Therefore, the volume of water-based wood products has increased exponentially. Consequently, all the products presented in this catalogue are water-based.



The R&D policy is focused on developing products that meet our customers' requirements using fewer resources and more sustainable materials. With this purpose, we are complying with our commitment to reducing carbon footprint by creating a NET (Natural Ecobased Technology) range of products based on renewable raw materials.

BIO-BASED  
MASQUELACK  
COATINGS



## Quality Policy

The development of specific products for wood elements has posed a new challenge to MASQUELACK: to ensure their lifespan.

After decades on this sector, the expertise gained in both raw material markets and process optimization allows us to guarantee our products.





# Vindows

Painting windows require a complex coating process since every single product is vital for lengthening its lifespan and achieving optimal results.

The range of MASQUELACK products aimed to preserve and protect windows can be classified in four main families according to the properties they provide to wood.

## PRODUCT LINES

MasqueWoodPro (MWP)

MasquePrimer (MP)

MasqueMid (MM)

MasqueTop (MT)

# MasqueWoodPro (MWP)

Wood treatment product  
(fungicide and insecticide).

In this field, we commonly use different types of timber, some of which are naturally durable while others need to be treated with a special protective product in order to obtain the desired durability.

Wood impregnability is also very important. Depending on it, a special treatment could be used to ensure its durability.

Our product meets  
the CTBP+ certification.

This range of products include industrial water-based wood products aimed to protect the exterior joinery from blue stains and wood-rotting fungi.

The products are authorized  
according to the BPR directive.

8

	SOFTWOOD	HARDWOOD	HEARTHWOOD DURABILITY CATEGORY	SAPWOOD DURABILITY CATEGORY
Fir	X		4	4-5
Hemlock	X		4	4-5
Pine	X		3-4	4-5
Larch	X		3	4-5
Oregon Pine	X		3	4-5
Mahogany		X	2	4-5
Oak		X	2	4-5
Dark Red Meranti		X	2-3	4-5
Light Red Meranti		X	3-4	4-5
Teak-Afzelia		X	1	4-5
Framire		X	2-3	4-5
Iroko		X	1-2	4-5

1 - VERY DURABLE / 2 - DURABLE / 3 - MODERATELY DURABLE / 4 - SLIGHTLY DURABLE / 5 - NOT DURABLE







This wood resistance table clearly shows the need of using MasqueWoodPro, our wood protective product, since the alburnum of many timber species do not offer the desired durability if they are not treated with the appropriate wood protective product .

# MasquePrimer (MP)

First coat of the process.

MasquePrimer primers bind to the surface helping the adherence between the wood and subsequent coats.

Another of MasquePrimer's most important functions is limiting the rise of extractable substances from the wood; such as tannins, in order to prevent unsightly discoloration of surface finishes. It also serves the function of coloring the wood

PRODUCT	APPLICATION	TECHNIQUE	NOTES
MasquePrimer 10	Translucent		-
MasquePrimer 30	Translucent		Anti-tannin properties
MasquePrimer 50	White		-
MasquePrimer 60	White		Softwood
MasquePrimer 70	White		Anti-tannin properties
MasquePrimer 80	White		Anti-tannin properties (high performance)






# MasqueMid (MM)

This product is to be applied between MasquePrimer and MasqueTop.

MasqueMid range of products provides an optimal protection of wooden elements against moisture and significantly reinforces the containment and blocking of tannins.

It is especially recommended for high-end processes in which high performance is required.

PRODUCT	APPLICATION	TECHNIQUE	NOTES
MasqueMid 100	Transparent		-
MasqueMid 200	Transparent		-
MasqueMid 200AT	Transparent		Anti-tannin properties



FLOW COATING



SPRAY





# MasqueTop (MT)

Protective topcoat.

Masquetop is a family of products whose main purpose is to provide the final protective coat to timber adding the value of a decorative function.

The quality of the products and the quantity of the product applied will determine the surface durability.













This range of products is divided in two families: translucent and opaque.

PRODUCT	APPLICATION	TECHNIQUE	COLORS
MasqueTop 1000	Opaque		RAL/NCS
MasqueTop 5000	Translucent		GAMA RANGE












 SPRAY



# Recommended processes

SOFTWOOD						
TRANSLUCENT			OPAQUE			
	PRODUCT	APPLICATION TECHNIQUE	WET FILM THICKNESS (µm)	PRODUCT	APPLICATION TECHNIQUE	WET FILM THICKNESS (µm)
TRATAMIENTO	MasqueWoodPro		Depending of the type of wood	MasqueWoodPro		Depending of the type of wood
PRIMER	MasquePrimer 10		40	MasquePrimer 50		40
	MasquePrimer 30					
MIDDLE LAYER	MasqueMid 100		100 a 200	MasquePrimer 60		150
	MasqueMid 200			MasquePrimer 70		
				MasquePrimer 80		
FINISH	MasqueTop 5000		200 a 300	MasqueTop 1000		250 a 400

12

HARDWOOD						
TRANSLUCENT			OPAQUE			
	PRODUCT	APPLICATION TECHNIQUE	WET FILM THICKNESS (µm)	PRODUCT	APPLICATION TECHNIQUE	WET FILM THICKNESS (µm)
TRATAMIENTO	MasqueWoodPro		Depending of the type of wood	MasqueWoodPro		Depending of the type of wood
PRIMER	MasquePrimer 10		40	MasquePrimer 50		40
	MasquePrimer 30					
MIDDLE LAYER	MasqueMid 100		100 a 200	MasquePrimer 70		150
	MasqueMid 200			MasquePrimer 80		
FINISH	MasqueTop 5000		200 a 300	MasqueTop 1000		250 a 400



FLOW COATING



SPRAY



INMERSION



Masquelack guarantees its window coating systems for up to 10 years, provided that the NF P23-305:2014-12-26 standard is respected since this indicates the correct way to manufacture a window.



IN TRANSLUCENT  
SYSTEMS



IN OPAQUE  
SYSTEMS

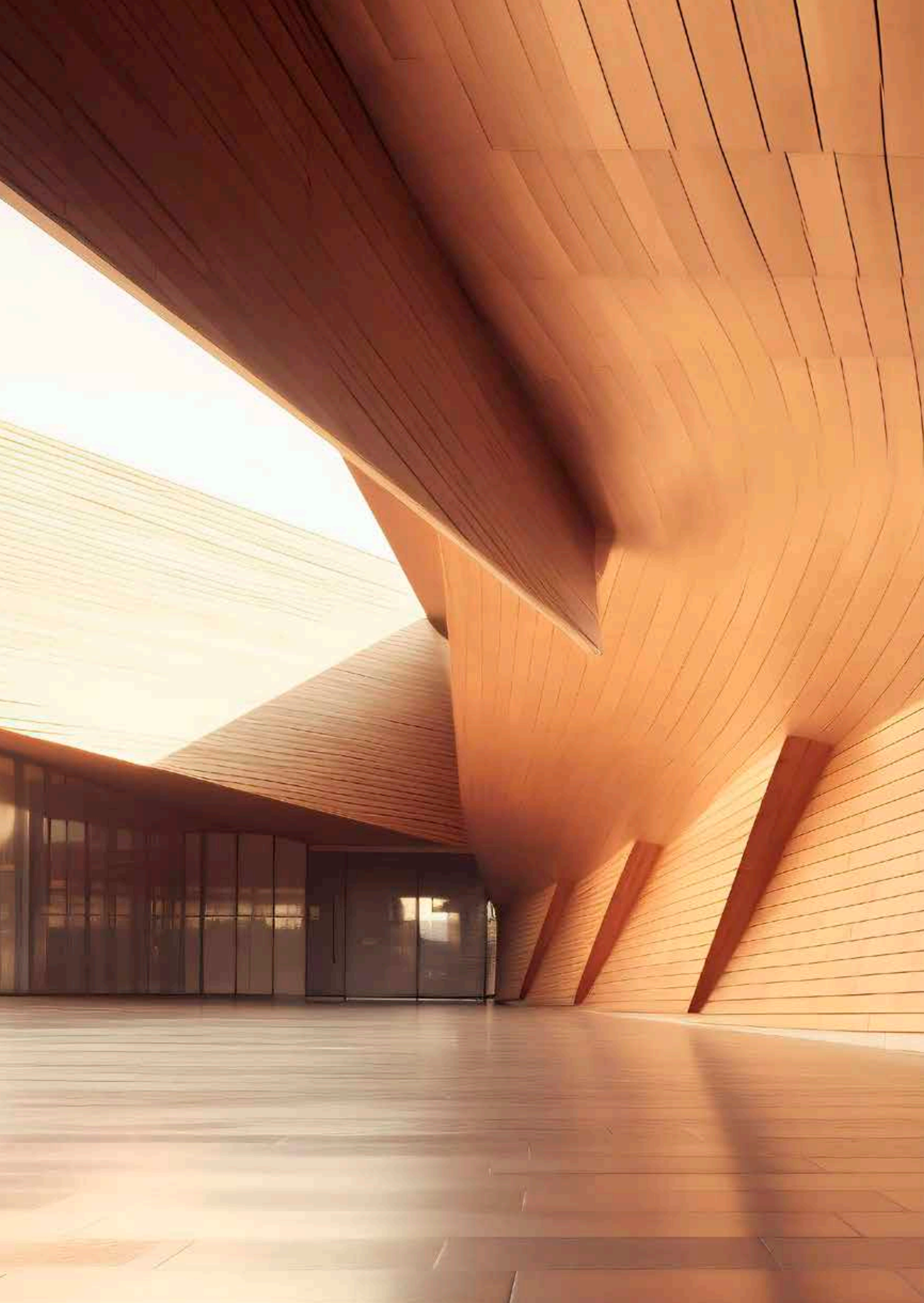
NF P23-305:2014-12-26.

UNE-EN 927

UNE-EN 71/3

BS/EN 335-1:1994

EN 599-1



# Façades

Currently, wood has increasingly been used as an exterior constructive element both for new constructions and renovation works.

The use of a ventilated air gap between the insulation and the exterior cladding allows for reducing overheating in summer by facilitating the transpiration of the ventilated façade and preventing condensation.

Additionally, the existence of such a gap protects the building from rainwater infiltration.

Due to our commitment to sustainability and to decades of accumulated experience, Masquelack is nowadays the leader in the French paint market for self-ventilating façades, providing products with a durability of over 10 years.

Masquelack's range of products aimed to protect and decorate slats is divided into two families.

## PRODUCT LINES

Saturators

Exterlack

# Saturators

Saturator, due to their impregnating ability, provide the wood with the necessary nourishment without creating a film, which will facilitate its subsequent maintenance. Saturators provide a natural aspect to wood enhancing its appearance.

This range is especially recommended for self-ventilating slacks with a specific line for terraces.

This family includes a wide range of colors formulated with high quality pigments which give wood greater protection against the harmful effects of sunlight.














There are two ranges:




## CLASSIC

Traditional wood tone colors.

## COSY VINTAGE

® MASQUELACK trade mark colors create an aged, iridescent decorative effect very much appreciated by our customers.

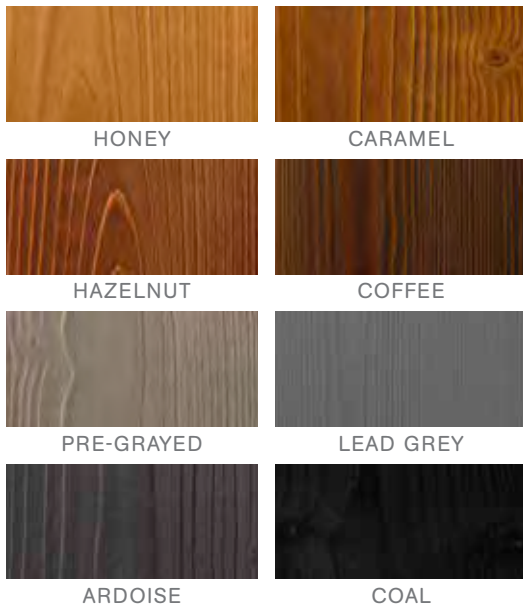
PRODUCT	USE	TECHNIQUE	THICKNESS	PERFORMANCE
WB Saturator	  	  	80-120 g/m <sup>2</sup>	9-13 m <sup>2</sup> /L
 WB Saturator NET	  	  	80-120 g/m <sup>2</sup>	9-13 m <sup>2</sup> /L

 PISTOLA    
  WACUMAT    
  BRUSH

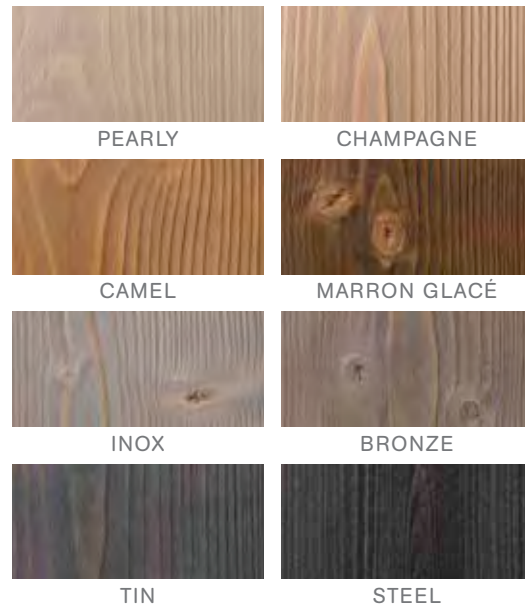
16

# Colors

## CLASSIC



## COSY VINTAGE



The range of saturators has up to a 5-year guarantee, provided that the Technical Data Sheets and application








techniques are followed as well as the necessary substrate treatment, such as the wood defibration.

# Exterlack

A multilayer paint formulated with high-quality acrylic resins which guarantees a maximum durability of over ten years with a higher weather protection.

This product especially aims at self-ventilating slats. Additionally, it offers an unlimited range of colors: RAL and NCS color charts, as well as customized colors.



PRODUCT	USE	TECHNIQUE	THICKNESS	PERFORMANCE
Exterlack			140-150 g/m <sup>2</sup>	7-8 m <sup>2</sup> /L
 Exterlack NET			140-150 g/m <sup>2</sup>	7-8 m <sup>2</sup> /L



## Colors


CARTA RAL, NCS charts or customized colors



The range of saturators has up to a 10-year guarantee, provided that the Technical Data Sheets and application



techniques are followed as well as the necessary substrate treatment, such as the wood defibration.



Treatment of  
beams and other  
construction  
elements

Exterlack  
Beams






# Exterlack Beams

Between their production and installation, beams need a protective layer. In order to meet this requirement, MASQUELACK has created a specific product:

## Exterlack Beams

Exterlack Beams is an exterior acrylic water-based product that protects wood effectively and safely. It is formulated to coat structural elements such as beams, pergolas, etc.

Additionally, it stands out for reducing the risk of moisture absorption in construction elements. It also protects surfaces against UV degradation.

PRODUCT	USE	TECHNIQUE	THICKNESS	PERFORMANCE
Exterlack Beams	 	  	60-100 g/m <sup>2</sup>	10-17 m <sup>2</sup> /L



## Colors



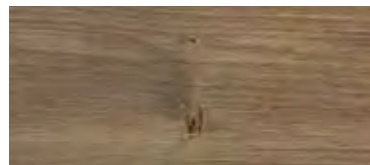
TRANSPARENT



WHITE



HONEY



GREY



CHESNUT



SAPELLY



LIGHT WALNUT



DARK WALNUT



AMERICAN OAK



BLACK SUGI BAN

FIRE  
PROTECTION  
MasqueSafe



Protection and  
Decoration

# MasqueSafe

There are different ways of protecting wooden constructions against fire, one of them is the use of intumescent varnishes. They provide fire resistance enhancing properties modifying the substrate classification.

MasqueSafe is a translucent intumescent water-based varnish for interior or protected exterior wooden elements.

Intumescence is the volumetric expansion of a substance as a result of heat exposure. This phenomenon limits the spread of fire significantly.







According to the UNE-EN 13501-2019 *Fire classification of construction products and building elements*, MASQUESAFE reaches the classification of:

## EUROCLASE B-s<sub>1</sub>,d<sub>0</sub>

which is the highest fire protection standard for interior wooden walls, ceilings and decorative panels.

Depending on the type of construction material, the process can be completed with a finish that provides physical and chemical protection while maintaining the intumescent properties of the product and its B-s<sub>1</sub>,d<sub>0</sub> standard. For this purpose, a specific high-performance finish has been developed:

## MASQUESAFE 770 TOP.

PRODUCT	USE	TECHNIQUE	THICKNESS	PERFORMANCE
MasqueSafe	  	  	250 ± 10% g/m <sup>2</sup>	5 ± 10% m <sup>2</sup> /L



MasqueSafe offers a wide range of colors while maintaining the same performance and the EUROCLASS B-s<sub>1</sub>,d<sub>0</sub> standard.

## Colores



RAW WOOD



WHITISH MASQUESAFE



CLEAR MASQUESAFE



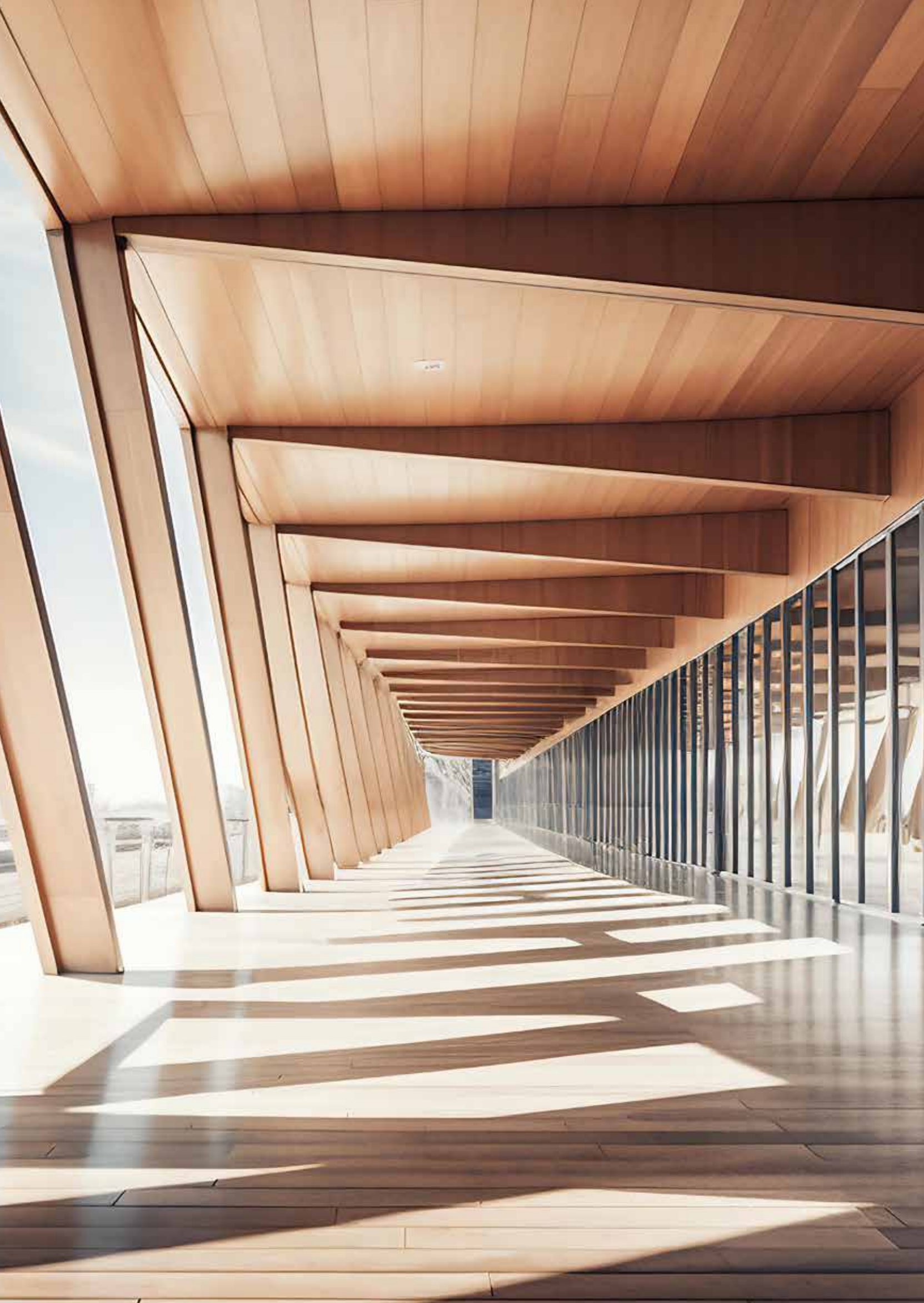
LIGHT GREY MASQUESAFE



OAK MASQUESAFE



DARK GREY MASQUESAFE



# Garantía MASQUELACK



IN TRANSLUCENT  
SYSTEMS



IN OPAQUE  
SYSTEMS

## Why are our products reliable?

Nowadays, durability is essential in construction. Therefore, this document helps us express that our products intended for the protection and decoration of wood are committed to DURABILITY and very easily maintained.

The expertise gained after several decades made us be well aware of the essential points that allow for the durability of the protection system. Consequently, we only market products and application processes which are certified, guaranteed and continually assessed by leading entities such as FCBA.





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