

The specialist in wood protection

Product catalogue

AMONN® Lignex

9th EDITION





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200 years of experience and innovation

Amonn is the leading make in Italy and one of the top makes in Europe in the wood protection sector. The history of the company began in 1802 when Johann Amonn founded the company which today still bears his name and which has continued to develop over the years thanks to technological innovation and a strong passion for wood. With over 200 years of experience and tradition, Amonn is today a modern, international company which can offer professional solutions for the care and protection of wood.



In order to respond in the best possible way to the requirements of the Italian market, the company has modern logistic structures and a commercial organization which is in continuous evolution with a capillary presence of representatives and distributors.



Amonn yesterday



Amonn today



AN HISTORICAL HEAD OFFICE

The head office of Amonn in Bolzano accommodates the management, the commercial and administrative offices and a logistics warehouse whilst development and production of the systems for wood protection are carried out at Amonn Coatings in Korneuburg, Austria.





Passion for wood
Specialists in protection

Wood is an antique and vital material. Amonn knows its secrets and has always committed itself to protecting the health and beauty of wood in all its different uses.
Wood protection for Amonn signifies protecting each man-made piece from this fascinating natural material, preserving its natural beauty and vibrancy to keep it intact for future generations.
The development of the Amonn systems is based on a wide knowledge of the reaction of wood to its three major enemies: fire, atmospheric agents and biological agents. Amonn has developed effective and reliable protective systems for each of these, fruit of over a hundred years' experience in wood protection and an authentic passion for the unique qualities of this natural material.



Fire protection



Protection against atmospheric agents



Protection against UV rays



Protection against biological agents





WOOD – A VALUE TO BE PRESERVED

Wood is one of the oldest natural raw materials and Amonn is dedicated to developing products which can protect everything made of this material, from furniture to houses, to preserve its natural beauty and its vibrancy so that it will remain intact for future generations.









Modern technology for a traditional construction material

The Amonn technology is fruit of continuous work both in the field of research and development and of experimentation and production for all the wood protection systems. The company employs a team of highly qualified researchers with modern equipment at their disposal to study the reaction of wood in the most diverse situations. Amonn develops its products at its factory in Korneuburg (Austria) where highly qualified specialists use the most up-to-date instruments for the research and development of innovative formulae for high performing wood protective products.

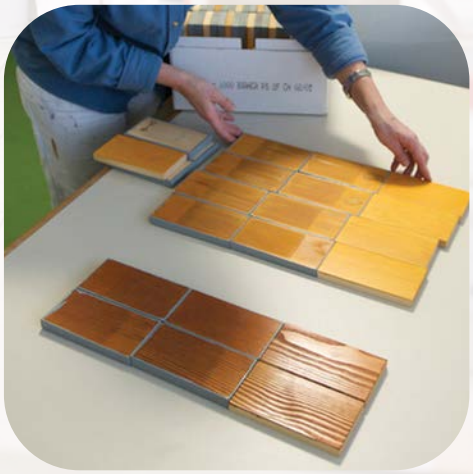




Quality and safety

Amonn is also true to its philosophy during production and follows the toughest quality standards scrupulously. By respecting not only the environment but also the European guidelines, Amonn carries out, on its own initiative, all the necessary tests in order to offer a guarantee of complete safety and reliability to the customer. The seals of quality obtained by Amonn highlight the fact that the company is constantly striving to offer its customers the best technical solutions and services.





Environmental labels

ECOLABEL European seal of quality for environmentally friendly products

Products tested according to EN 71-3 "Safety of toys - Migration of certain elements"

Products free of volatile organic compounds

Products that reflect the environmental philosophy of Amonn

Products containing carnauba wax (see pag. 37)

Products made exclusively from natural oils, resins and/or waxes

Products with special water-based formulation

Quality labels

New, improved and cobalt-free formula

Specific products for yatchs and boats

Products with the highest degree of UV protection

High-performance products - high protection level and durability

Gel products with anti-drip effect - no dripping during application

Efficacy labels

Medical and surgical protection, registered at the Ministry of Health

Certificate from the Arbeitsgemeinschaft Holzschutzmittel

Protection against xylophagous insects

Protection against wood destroying fungi

Recommendations for the choice of protective treatment

The wide range of Amonn systems includes numerous specific products and combined cycles suitable for different kinds of application.

Several important aspects should be kept in mind when choosing the most suitable type of treatment.




AMONN
AMONN
AMONN
Linea base acqua


AMONN
Lignex Lasur


AMONN
HydroLignex
DESIGN

Why protect wood?

«Because wood is nature. Wood moves, it changes and reacts to everything around it. If we want it to last over time and maintain all those features for which we have chosen it – good looks, stability, practicality – we must give it effective protection.»

How to protect wood?

Wood is, up to a certain point, capable of protecting itself from attack by insects and fungi (natural durability). It is however, necessary to consider that the degree of **natural protection** will vary according to the type of wood. Therefore, the first useful precaution to take is careful choice of the right type of wood for the use to which it is to be put.
There are two basic ways of taking action to protect wood: **construction protection** and **chemical protection**. To prolong the lifetime of wooden structures, intelligent design and construction are necessary, exposing the wood as little as possible to bad weather. Construction protection is effective against fungi because it is able to avoid sources of moisture, but it can do nothing against insects. Moreover, very few types of wood are capable of resisting biological attack from insects and it is therefore necessary to protect wooden structures with specific treatments. In this situation **chemical protection** is needed.

Even highly durable wood, whether it is natural resistance or due to chemical modification, for example Accoya or heat-treated wood, protection from climatic factors is always essential.

When is greater protection needed?

In general, if the wood is not protected by architectural design (shelters, roof canopies, etc.) or if it is in constant contact with moisture (fencing, dug-in pergolas) it must be protected from fungi. When considering climatic protection, the exposure of the structure must be taken into account. If the wood is greatly subject to atmospheric agents, for example if it is to the south or southwest, it will be in need of greater protection compared to wood with northern exposure. When assessing whether greater or lesser chemical protection is needed the degree of climatic stress to which the wood is subject should be considered.

There follow some examples of the natural durability and impregnability of different types of wood according to standard EN 350:

Type	Scientific name	Common name	Origin	Durability of heartwood*			Treatability**	
				Fungi	Hylotrupes	Anobium	Heartwo-od	Sapwood
Conifer	*Abies alba*	Silver fir	Europe and North America	4	S	S	2-3	2v
Conifer	*Larix decidua*	Larch	Europe and Japan	3-4	D	D	4	2v
Conifer	*Picea abies*	Norway spruce	Europe	4	S	S	3-4	3v
Conifer	*Pinus sylvestris*	Scots pine	Europe	3-4	D	D	3-4	1
Conifer	*Pseudotsuga menziesii*	Douglas fir	North America	3	D	D	4	3
			Cultivated in Europe	3-4	D	D	4	2-3
Broad-leaf	*Aesculus hippocastanum*	Horse chestnut	Europe	5		S	1	1
Broad-leaf	*Betula pubescens*	Downy birch	Europe	5		D	1-2	1-2
Broad-leaf	*Castanea sativa*	Sweet chestnut	Europe	2		D	4	2
Broad-leaf	*Fagus sylvatica*	Common beech	Europe	5		S	1v	1
Broad-leaf	*Fraxinus excelsior*	Common ash	Europe	5		S	2	2
Broad-leaf	*Junglans regia*	Common walnut	Europe	3		D	3	1
Broad-leaf	*Quercus robur*	European oak	Europe	2-4		D	4	1
Broad-leaf	*Shorea laevis*	Balau	Asia	2		D	4	1-2
Broad-leaf	*Tectona grandis*	Teak	Asia	1-3		D	4	3

*** Durability of heartwood:**
Natural resistance of the wood to attack by wood-destroying organisms.

Durability class against wood-destroying fungi	Description
1	very durable
2	durable
3	moderately durable
4	slightly durable
5	not durable

Durability class against beetles	Description
D	durable
S	not durable

**** Treatability**
Ease with which the wood can be penetrated by a liquid (e.g. a wood preservative)

Treatability class	Description
1	easily treated
2	moderately easy to treat
3	difficult to treat
4	extremely difficult to treat
v	the species exhibits an unusually high level of variability

Place of application

According to the location of the wood, whether indoors or outdoors, it will be subject to lesser or greater exposure to atmospheric agents and different humidity and temperature conditions.

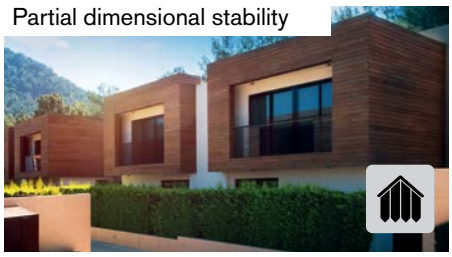




Dimensional stability

Wood can be used both as a covering as well as a structural element. According to the use to which it is put, a lesser or greater degree of dimensional variation is permitted.

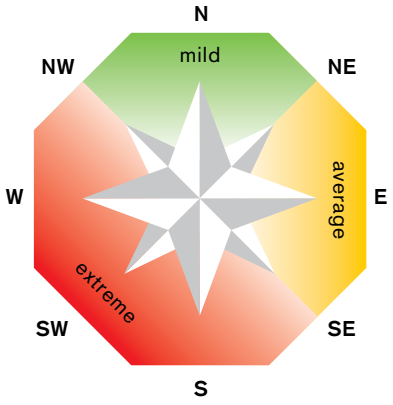
For example, for doors and windows, wooden elements are used which have already reached their “dimensional stability”. In order to maintain this dimensional stability and to avoid the wood from warping, it is best to choose a special cycle of paints to limit the absorption of humidity that causes wood to swell.

Field of use	Dimensional deformation allowed	Typical examples of fields of use
Dimensional stability 	Only minimum deformation is permitted	Windows, doors, verandas
Partial dimensional stability 	A limited amount of deformation is permitted	External doors, elements for balconies, folding shutters, laminated beams, garden sheds, wooden houses, fencing, gazebos
Non-dimensional stability 	The deformation is not limited	Fences, planking, barns, palings, matchboard

Weatherproofing

The climate

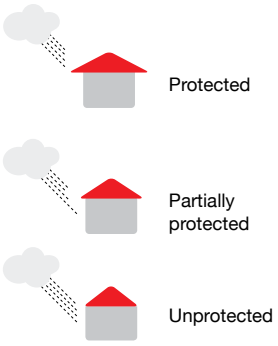
When talking about the ability of wood to withstand exposure to weather without deterioration it is necessary to consider the position/ exposition of the element. If it is exposed northwards (from north west to north east) weather conditions are considered to be mild, if the element is situated eastwards (from north-east to south-east) weather conditions are considered to be of average intensity, and if it is exposed southwards or westwards (from southeast to north-west) weather conditions are considered to be harsh.



Construction wood protection

As far as construction wood protection is concerned, an element can be classified either as protected, partially protected or unprotected. In a protected construction situation, for example, wooden construction elements are almost completely protected from sunshine and rain by projecting roofs.

Level of weather exposure



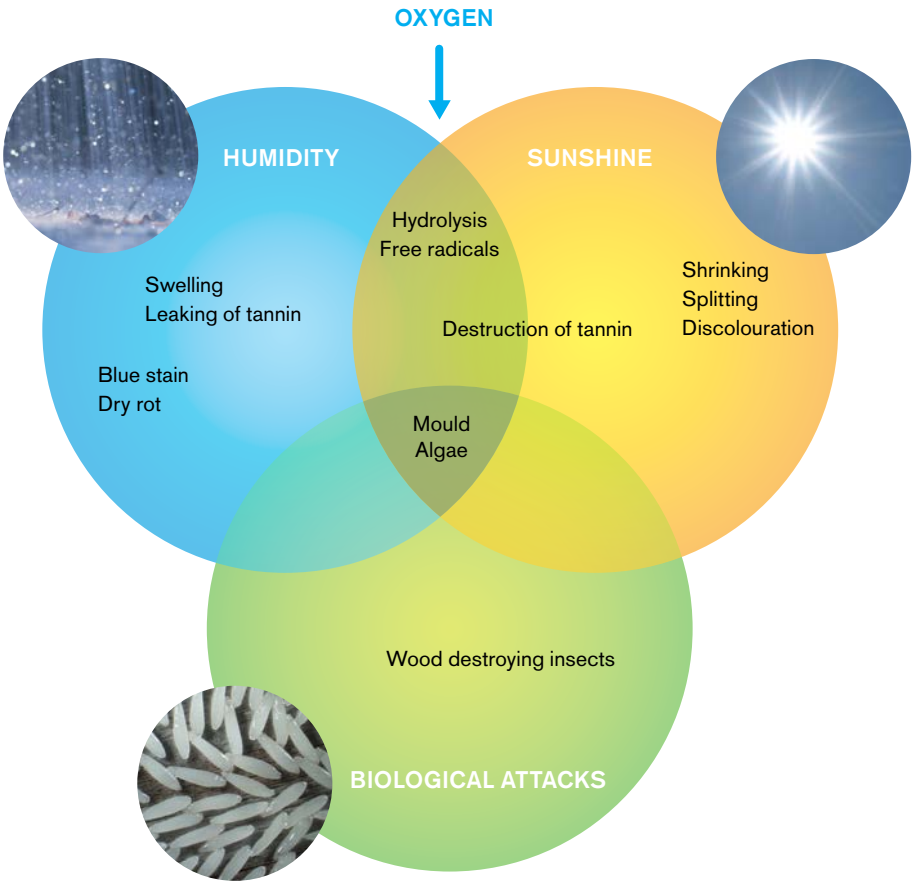
Climate

Weather exposure	Mild	Average	Extreme
Protected	Low	Low	Average
Partially protected	Low	Average	High
Unprotected	Average	High	High

Weather exposure considering climate and position of wooden elements.

First biological protection

Exterior wood which has never been treated before is exposed to fungal attack, mould and insect attack from house longhorn beetles for example. In such conditions, it is necessary to choose a cycle of treatment which includes biological protection (e.g. Lignex Aquadefend, Lignex Defend, Lignex Grund BPlv, Hydrogrund Plus, Aqua Lignex I).



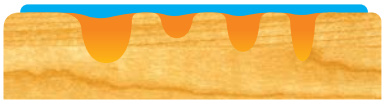
Basic biological protection

We recommend that a protective primer (such as Lignex Grund BPlv or Hydrogrund Plus for example) is always used as the first coat of a paint cycle for effective biological protection. Protective primers are quite liquid which means that the active agent can be absorbed deep into the wood. The primers are colourless and regulate the humidity of the wood guaranteeing that successive coats of wood preservatives are absorbed in a uniform and homogeneous manner.

Leveling out the absorption capacity of wood



Surface of untreated wood



+ Wood preservative primer
+ Wood preservative and/or top coat



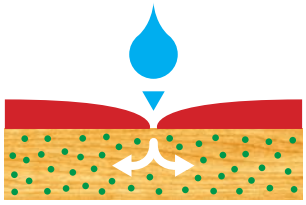
+ Wood preservative primer

Wood preservative primer and/or top coat

Wood preservative primer



With no wood preservative primer



With wood preservative primer

Water
Paint
Binder

If cracks appear on the paint film, water can penetrate and spread out in the wood, to then find another way out. This causes the paint film to swell and flake off. It is therefore important to always apply a wood preservative primer for climatic protection (e.g. Lignex Grund BPlv or Hydrogrund Plus) in order to limit the absorption of humidity.

Special protection for each kind of wood

Spruce and pine are the types of wood more commonly used for construction purposes. Without the necessary protection, this kind of wood is prone to fungal attack which can cause discolouration and rotting. It is therefore indispensable to always use protective products containing active biocides.

Hardwood such as oak and beech is naturally more resistant to parasite attack but even these kinds of wood can be ruined by fungi and insects if exposed to high humidity levels. Therefore it is recommended that preventive treatment is carried out against blue stain and wood destroying insects.



Conifers



Tropical wood



Hardwood

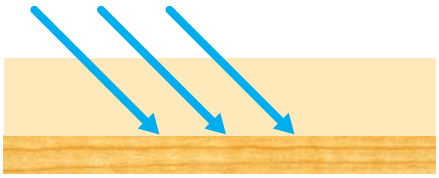
Tropical kinds of wood such as teak and meranti are the most resistant and are not prone to fungal attack. In this case it is sufficient to protect the surface against stains, dirt and dust.

Protection from sun and water

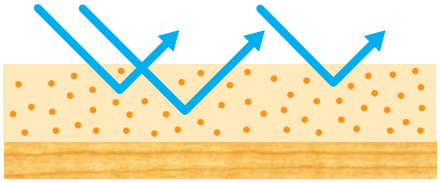
Outdoor wood is subject to the combined action of UV rays and precipitation which cause the lignin to be transformed and to wash away giving rise to the well-known “comb effect” in which the wood turns grey and loses stability. To prevent UV rays damaging the lignin it is necessary to use physical filters. Physical UV filters are mainly contained in pigments or colored paints. The quantity of pigment will determine the degree of protection.

- Non-pigmented varnishes (transparent or colourless) – leave the colour of the wood and its structure visible but provide little protection from sunlight and therefore these are not recommended when there is direct exposure to climatic agents.
- Pigmented varnishes (partially transparent) – the grain of the wood can be seen, protection is good but not complete.
- Covering varnishes – provide complete protection from sunlight.

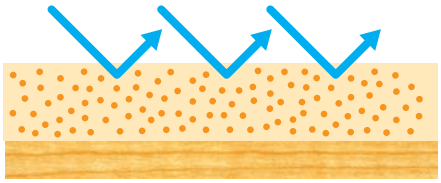
To protect external wood effectively it is therefore always necessary to choose a coloured wood preservative (e.g. Lignex Lasur and Aqua Lignex I).
To increase the level of protection it is possible to apply a top coat containing another UV filter and free radical absorbers at the end of the cycle (e.g. Lignex High Solid, Lignex Renova, Lignex Aqua Gel, Lignex UV Filter and Hydrotop).



Non-pigmented varnishes
(transparent or colorless)



Pigmented paints
(partially transparent)



Covering paints







The combined action of sun and water causes wood to become grey and discoloured.





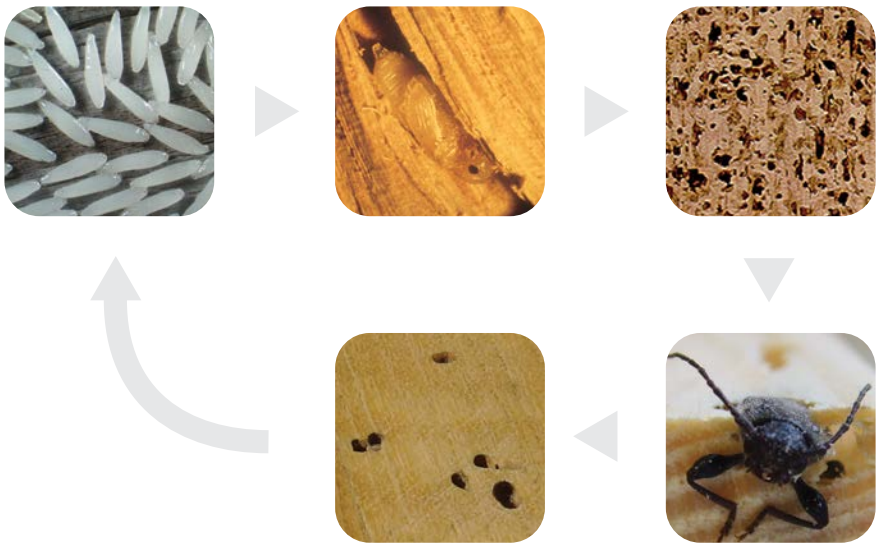
The protection offered by Amonn products has proven to be effective even in extreme conditions, from mountainous to tropical environments.

Prevention or cure?

Before deciding which protective cycle to choose, it is important to check that there are no wood destroying insects inside the wood itself. It can often happen that, even though the wood presents no holes externally, the internal structure of the wood is compromised by the action of the larvae living inside it.

Wood destroying insects: Woodworm and house longhorn beetles

The larvae hatch from the eggs of the wood boring insects which bore tunnels whilst feeding on the wood; at the conclusion of its development (which can last several years), the larva transforms into an adult insect which then bores a hole in the wood through which it exits onto the surface ready to lay more eggs.



If the insect is discovered too late it is necessary to substitute the wooden structure completely especially if it is a weight bearing structure. If this is not possible, a temporary preventive treatment can be carried out using gas. This is however just a temporary solution; only the use of suitable active agents which enter into the wood can eliminate these insects permanently as the active agents render the wood inhospitable and deters the laying of any of any further eggs.

Treatment: in all cases

Should the presence of wood worm or house longhorn beetles be ascertained, it is recommended that a suitable protective cycle with curative properties is used, whilst if there is no insect attack in place the ideal choice is preventive protection. The use of an anti-woodworm product before the onset of insect attack means the surface of the wood can be treated which is much quicker and cheaper but nonetheless guarantees permanent effectiveness.







CURES AND PREVENTS
Lignex Aquadefend is a water based product for the care of wood attacked by insects which is also effective against termites. It treats wood attacked by wood-boring insects and provides effective prevention from these, as well as protecting the wood from termites. Suitable for every type of wooden element, its water-based formulation also limits the environmental impact.

Lignex Aquadefend

Water-based treatment against wood-boring beetles and termites

Characteristics
- Cures wood under attack from xylophagous insects
- Prevents further attacks from xylophagous insects as well as termites
- Penetrates deeply into the wood
- Contains no aromatic compounds
- Efficacy tested according to EN 599-1

Fields of use
For the curative and/or preventive treatment of all wooden parts under insect attack, such as, for example, wooden furniture, cladding, balconies, garage doors, wooden houses, trusses, wooden structures, doors and windows.

Protection/Active ingredients*
From wood-boring insects (Iv/Ib/T); contains permethrin

Drying times
After approx. 24 hours depending on the kind of wood

Yield
200 ml/m², corresponding to 5 m²/l, for a purely preventative treatment.
300 ml/m², corresponding to about 3 m²/l, for a curative treatment.

Certifications
- Efficacy tested according to EN 599-1. Compliant with EU Biocidal Products Regulation BPR 528/2012.

Authorizations
AT-0021825-0001
DE-0014304-01-0001-08
IT/2020/00620MRP
FR-2019-0017-1
PL/2019/0390-001/MR/BPF
CH-2019-0005.01.0001
ES/MRF(NA)-2019-08-00600-1
CZ-0021469-0001

Tin sizes
0,750 l - 2,5 l - 5 l


Brush


Forced injection

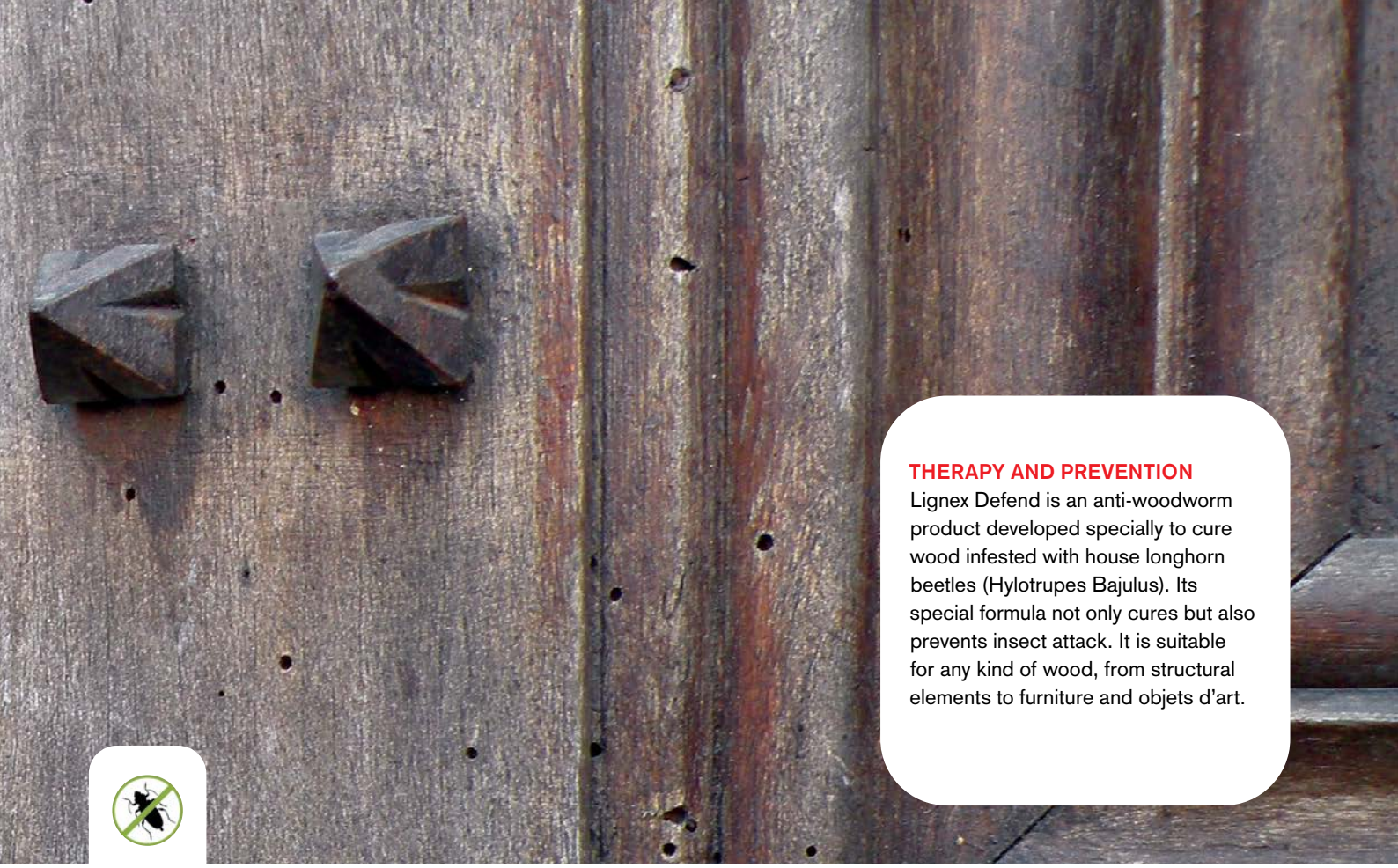

Dimensional stability


Partial dimensional stability


No dimensional stability



* This product should be handled with care. Please read the instructions on the tin label carefully before use.



THERAPY AND PREVENTION
Lignex Defend is an anti-woodworm product developed specially to cure wood infested with house longhorn beetles (Hylotrupes Bajulus). Its special formula not only cures but also prevents insect attack. It is suitable for any kind of wood, from structural elements to furniture and objets d'art.

Lignex Defend

Ready to use anti-woodworm product

Characteristics
- Cures wood under attack from house longhorn beetles (Hylotrupes Bajulus) and, at the same time, prevents further attack from wood boring insects
- Penetrates deeply into the wood
- Contains no aromatic compounds
- Is registered at the Ministry of Health in Italy (PMC nr. 18556)

Fields of use
For the curative and preventive treatment of all wooden parts under insect attack, such as, for example, roof structures, furniture, floors, objets d'art etc.

Protection/Active ingredients*
From wood-boring insects (Iv/Ib); contains permethrin

Drying times
After approx. 1-2 days depending on the kind of wood

Yield
Depends on the kind of application. Please consult the technical data sheet.

Certifications
- ARGE-HSM certificate (AZ 21/91)
- Efficacy tested according to EN 599-1. Compliant with EU Biocidal Products Regulation BPR 528/2012.

Authorizations
AT-0016053-0000
DE-0014866-08
CH-2023-0007
IT/2023/00881/MRP

Tin sizes
0,750 l - 2,5 l - 5 l - 25 l and 200l* - 1.000l* (*Only on request)

Brush

Forced injection

Immersion

No dimensional stability

Partial dimensional stability

Dimensional stability



* This is a wood preservative and must be handled with care. Please read the indications on the tin label before use.

Treatment cycles: products and their uses

Depending on the conditions of the wood, some specific treatment cycles may be necessary. Each cycle is made up of different phases in which successive coats of products are applied. For each cycle, water-based or solvent-based products can be chosen, preferably using the same type of product within the same cycle.

→ New external wood

The cycle foresees two phases:
1. Application of a **coloured protective preservative.**
2. Application of a **finishing preservative** or **top coat** (depending on the level of finish desired).

→ Renovation of external wood which has already been treated with a base-coat preservative for biological protection

The wood only needs to be renovated with a coloured protective preservative or a top coat.
The cycle is made up of three phases:
1. **Remove** all dirt and dust from the parts to be treated
2. According to the state of deterioration of the wood, **sand** the wood along the grain removing totally or partially old layers of paint using coarse grain sandpaper (80) then medium grain sandpaper (140/180). Finally, dust the wood. If the state of the wood is such that it must be sanded down to the raw wood, please follow the indications given for new external wood.
3. Apply the **finishing preservative** and/or **top coat**.

→ Old, weathered and grey wood

There are two possibilities:

A. Cycle using Polilac (to lighten the wood)
1. **Sand** the surface
2. Apply **Polilac**
3. **Rinse** well with plenty of water and brush the surface with a hard-bristled brush
4. Apply **Lignex Renova** or **Lignex Aquagel**

B. Cycle using Lignex Renova or Lignex Aquagel (matt colours)
1. **Remove all dirt** and dust from the parts to be treated
2. Apply **Lignex Renova** or **Lignex Aquagel** using one of the matt tones
3. Apply **Lignex Renova** or **Lignex Aquagel** as a top coat in one of the wood tones

→ Doors and windows

There are four cases to be considered:

A. New wood
1. Apply a coloured protective preservative
2. Apply a top coat

B. Freshening up existing paint
1. Remove dust and dirt from the surface
2. 2. Apply one of the revitalizing oils **Fresko** or **Rinfresko** (by means of a brush or a cloth soaked in the product)

C. Touching up
1. Sand the surface to be touched up with fine sandpaper (grain 280)
2. Apply the top coat with a brush

D. Renovation
Refer to point A after sanding down to the raw wood.

→ Internal wood

Internal wood does not need any protection from atmospheric agents or insects. To enhance its natural beauty, however, regular treatment is recommended by using a **finishing preservative** or a **top coat** (the use of water-based products is recommended).

Comparative table of products

Product type	Water-based	Solvent-based	100% Oil
Preservative base coats	• Lignex Aquadefend • Hydrogrund Plus	• Lignex Defend • Lignex Grund BPlv	
Base coats	• Aqua Lignex I • Lignex Aqualasur	• Lignex Lasur* • Lignex High Solid*	
Preservative finishing treatments	• Lignex Aquagel • Hydrolignex Design • Lignex Aquawax	• Lignex Renova	
Top coats	• Hydrotop	• Lignex UV Filter	
Restorative impregnating treatments	• Lignex Aquagel	• Lignex Renova	
Protective Oils	• Rinfresko • Lignex Hydro Oil	• Fresko • Lignex Garten • Lignex Longlife Oil • Lignex Marine Teak Oil	• Lignex Nature Oil • Lignex Hard Oil
Weather protection paint	• Amolis	• Lignex Prodeck	
Varnishes for parquet flooring	• Hydrolac • Hydrolac Marine		

* Before using these products, apply a protective base coat against fungal decay and blue stain
N.B. please refer to the technical data sheet for further information





Water-based products

The range of our water-based products is made up of four categories: preservative base coats, preservatives, preservative finishing products, topcoats.

The points to consider when choosing the most suitable product are the kind of protection (biological or climatic) and the level of protection required (from good to excellent) as well as the desired type of finishing effect. Amolis for weather protection and a vast variety of complemantary products complete the range of products.



Table of products with their protection level

Product type and name		Biological protection				
		...from mould and blue-stain fungus	...from destructive fungi	...preventative of attack from wood-boring insects	…preventative of attack from termites	…curative of damage from wood-boring insects
Preservative base coat	Lignex Aquadefend **			✓	✓	✓
	Hydrogrund Plus ***	✓	✓			
Preservative	Aqua Lignex I*	✓		✓		

Product type and name		Weather protection	
		…from UV-rays	…from rain and humidity
Base Coat	Aqua Lignex I*	●●	●●
	Lignex Aqualasur	●●	●
Preservative finishing treatment	Lignex Aquagel	●●●●	●●●
	Hydrolignex Design	●●●●	●●●
	Lignex Aquawax	●●●	●●
Top coat	Hydrotop	●●●●	●●●●
Weather protection	Amolis	●●●●●	●●●●

Total ●●●●● Optimum ●●●● High ●●● Good ●● Moderate ●

* Registered at Italian Ministry of Health as P.M.C. nr. 18994 and in compliance with EU Biocidal Products Regulation BPR 528/2012.

** Product compliant with EU Biocidal Products Regulation BPR 528/2012.

*** Product registered under EU Biocidal Products Regulation BPR 528/2012.

N.B.: Pretreating wood with a preservative base coat offers greater protection against biological influences and therefore represents one of the most important steps in wood protection. Furthermore, as these products penetrate much more deeply compared to normal preservatives, they can regulate the absorption capacity of wood resulting in a much more homogeneous distribution of the colour and better adhesion of the successive cycles. To obtain a better aesthetic result, sand between each coat of product using fine sandpaper (240/280).



BASE-COAT AGAINST FUNGAL DECAY

Amonn Hydrogrund is a water-based wood preservative base-coat which provides wood with preventive protection against blue stain, mould and fungal decay. It is ideal for the preventive treatment of wood destined for external use as long as the wood is not in direct and continuous contact with the ground or with water.

Hydrogrund Plus

Water-based wood preservative base-coat

Characteristics

- Preventive protection of wood against blue stain, fungal decay and mould
- Improves adhesion and duration of successive paint cycles
- Levels out the absorption level of the wood and improves the aesthetic aspect of successive cycles
- Penetrates deep into the wood.

Fields of use

Indicated as a base coat for work on exterior wood, not in direct contact with the ground or with water, such as, for example, wood paneling, balconies, garage doors, gates, fences, doors and windows etc.

Protection/Active ingredients*

- From blue-stain fungus (B); contains 3-iodo-2-propynylbutylcarbamate.
- From destructive fungi (P); contains propiconazole.

Drying times

Approximately 2 hours

Yield

8-10 m²/l per coat

Certifications

- Efficacy tested according to EN 599-1. Compliant with EU Biocidal Products Regulation BPR 528/2012.
- Recognition certificate: No. 02/13 of the “Arbeitsgemeinschaft Holzschutzmittel” (Wood Preservatives Association), Vienna (A).

Authorizations

AT-0028552-BPF 1-1
DE-0024769-08
IT/2015/00283/MRA
EE-0024073-0000
CH-2020-0016
ES/BB(NA)-2022-08-00792
CZ-0023607-0000

Tin sizes

0,750 l - 2,5 l - 5 l

Recommended cycles

Ideal as a primer for water based impregnating treatments.

Brushing

Immersion

Flow Coating

Dimensional stability

Partial dimensional stability

No dimensional stability

Colours

00 colourless



Only for professional applicators

* This is a wood preservative and must be handled with care. Please read the indications on the tin label before use.



COMPLETE PROTECTION
Aqua Lignex I is a water-based, protective wood preservative with insecticide, ideal for all kinds of application. Thanks to its special formula, it penetrates deep into the wood protecting it from insect attack, mould and fungal decay. Aqua Lignex I offers excellent protection and enhances the natural wood grain.
A pleasant wax effect is obtained if several coats are applied.

Aqua Lignex I

Water-based wood preservative

Characteristics
- Offers preventive protection to wood against blue-stain, mould and attack from wood-boring insects
- The wood support remains open-pored allowing the exchange of wood-air humidity
- Leaves a pleasant wax effect
- Makes wood more water-resistant
- Deep penetrating
- Enhances the natural wood grain

Fields of use
For use on wood with no dimensional stability and not in direct contact with the ground and water such as, for example, paneling, balconies, garage doors, wooden houses, beams etc. It is indicated as a base coat for the treatment of elements with dimensional stability such as external doors and windows.

Protection/Active ingredients*
- From wood-boring insects (Iv); contains permethrin.
- From blue-stain fungus (B); contains 3-iodo-2-propynylbutylcarbamate.

Drying times
After approx. 4 hours according to the type of wood.

Yield
10 - 12 m²/l per coat

Certifications
- Efficacy tested according to EN 599-1. Compliant with EU Biocidal Products Regulation BPR 528/2012

Authorizations
AT-0016052-BPF
DE-0014893-00-0000-08
CH-2023-0015
IT/2023/874/MRP
CZ-0031411-0000
FR-2023-0059

Recommended cycles
- 3 x Aqua Lignex I
- To increase the duration of the cycle we recommend the use of Lignex Aquagel as follows:
  - 1 - 2 x Aqua Lignex I
  - 1 - 2 x Lignex Aquagel
- For wood with dimensional stability use Hydrotop:
  - 1 x Aqua Lignex I
  - 2 x Hydrotop

Brushing
Immersion
Impregnating machine
Dimensional stability
Partial dimensional stability
No dimensional stability

Colours
13 Pine
1 Oak
48 Medium oak
10 Light walnut
2 Larch
3 Chestnut
27 Teak
11 Mahogany
4 Walnut
9 Palisander
35 Wengé
7 Ebony
42 Green
"00 Colourless" is also available



Tin sizes
0,750 l - 2,5 l - 5 l

* This is a wood preservative and must be handled with care.
Please read the indications on the tin label before use.



PROTECTS AND RENOVATES

Aquagel is a top coat preservative which can be used for many different types of application. It can be used indoors and outdoors and is resistant to UV rays, weathering and humidity, leaving the wood open- pored . It is odourless and is ideal for renovating grey or old wood as it lightens and evens out the damaged surface leaving a pleasant wax effect.

Lignex Aquagel

Water-based thixotropic long-lasting top coat

Brushing

Partial dimensional stability

No dimensional stability

Characteristics

- Leaves the wood open-pored and regulates the wood-air humidity exchange
- Good protection against UV rays thanks to the UV absorbers
- Non-drip during application thanks to its gel consistency
- High yielding and easy to apply
- Renders the wood water repellent
- Evens out the colour of wooden surfaces subject to weathering and lightens wood which has become grey over time

Fields of use

For use on internal and external wood with no dimensional stability and not in permanent contact with the ground or with water. The ideal product for renovating old, weathered wood.

Drying times

After approx. 2 – 4 hours according to the type of wood

Yield

10 - 14 m²/l per coat

Certification

- Tested according to EN 71, Part 3 “Toy Safety – migration of certain elements”

Tin sizes

0,750 l - 2,5 l - 5 l - 25 l*
(*only 51 white and 00 Colourless)

Recommended cycles

- Interior wood:
  - 1 - 2 x Lignex Aquagel
- New exterior wood:
  - 1 - 2 x Hydrogrund Plus or Aqua Lignex I
  - 1 - 2 x Lignex Aquagel
- Renovation of exterior wood:
  - 1 - 2 x Lignex Aquagel

Colours*

13 Pine
1 Oak
48 Medium oak
10 Light walnut
3 Chestnut
27 Teak
4 Walnut
35 Wengé
7 Ebony
51 Transparent white
91 Covering white
60 Covering ochre
76 Covering beige

"00 Colourless" is also available.



COLORMIX

* For production purposes, some colours on the colour chart may be produced with our Colormix system. The colours produced in this way could differ slightly from the “ready” colours. If it is to be used for an on-going job, always check the colour first before continuing with application.

Aquagel: a sure choice

Aquagel is a special product which gives excellent results and offers many advantages.







It is safe

Lignex Aquagel is a water-based product. It is therefore suitable for treating indoor wood, above all, those surfaces which come into contact with children as it is odourless and respects the safety norms for toys as set out in EN 71-3 (Toy Safety – migration of certain elements).



It is non-drip

Thanks to its gel consistency it assures drip-free application which means that Lignex Aquagel can be used for application on sloping or non-horizontal surfaces (e.g. balconies, beams or under roof areas).

It evens out imperfections

Lignex Aquagel evens out weathered wood and lightens spotted or darkened wood. Lignex Aquagel can be used in the opaque colours white, ochre and beige for the renovation of grey, weathered wood as it corrects damage caused by wear and tear.







Special cycles on badly weathered wood

To renew wood which has become grey and damaged through wear and tear, it is possible to use Aquagel in the opaque colours (white, ochre, beige).

Please follow the indications given below:

1. Clean the parts to be treated
2. If needed apply 1x Hydrogrund Plus
3. Apply Lignex Aquagel in covering white, ochre or beige
4. Apply Lignex Aquagel in the desired wood tone

91 - Covering white

60 - Covering ochre

76 - Covering beige



WOOD AS YOU NEVER COULD HAVE IMAGINED IT

Hydrolignex Design is the water-based impregnating protective and decorative finishing treatment of medium thickness. The innovative range of colours makes it ideal for enhancing and beautifying any wooden item while providing protection and increased weather-resistance. Antique, natural, metallic and/or pearlised effects give free rein to creativity.

Hydrolignex Design

Impregnating protective and decorative wax-effect finishing treatment

Brushing | Spraying | Partial dimensional stability | No dimensional stability

Characteristics

- Special highly innovative effects for maximum creativity
- Protects the wood
- Controls the exchange of moisture between the wood and the air and makes the wood water-resistant
- Creates a pleasant wax effect and leaves the pores of the wood open
- Notably prolongs the intervals between maintenance on outdoor wood
- Also safe for children's toys

Fields of use

For finishing treatments on wood with partial and/or no dimensional stability and not in direct contact with the soil or water, such as claddings for façades, balconies, wooden houses, beams, pergolas, carpentry, etc. The innovative range of colours makes it ideal for enhancing and beautifying any wooden item while providing protection and increased weather-resistance.

Drying time

After about 2 - 4 hours depending on the type of wood

Yield

10 - 16 m²/l per coat, depending on the type of wood

Certifications

- Tested according to EN 71-3 Toy safety - Migration of certain elements

Tin sizes

1l - 2,5l - 5l

Recommended cycles

- Indoors:
  - 1 - 2 x Hydrolignex Design
- Outdoors:
  - 1 - 2 x Hydrogrund Plus or Aqua Lignex I (colourless)
  - 1 - 2 x Hydrolignex Design
- Outdoor restoration work:
  - 1 - 2 x Aqua Lignex I (colourless)
  - 1 - 2 x Hydrolignex Design



COLORMIX



Gli Elementi

Energy and tangible solidity on one hand magic and mysticism on the other. The shades of this collection while evoking natural materials and phenomena, take on new colour plays with their decorative pearlescent effect.

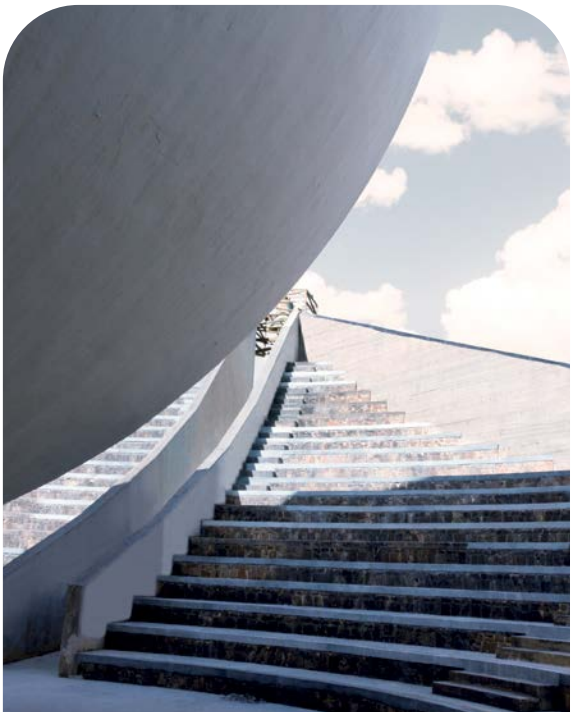
511 Sabbia
512 Neve
513 Cielo
514 Oceano
515 Fuoco
516 Universo

La Natura

The colour pallet of this collection suggests the immediate spontaneity of some natural elements though interpreted in a surprisingly modern way. In addition, it offers an antique effect which emphasizes the natural veining of wood donating new elegance to it.

531 Cenere
532 Oliva
533 Mais
534 Zafferano
535 Argilla
536 Tabacco
537 Terra
538 Bosco
539 Rame





Le Città

This colour collection is inspired by urban landscapes, by antique buildings and by futuristic metropolitan areas. It features metallic effects that in combination with a brand new set of colour shades offer solutions with distinctive personality.

551 Roma
552 Verona
553 Milano
554 Trieste
555 Torino
556 Genova
557 Napoli
558 Venezia



FOR MAXIMUM WEATHER PROTECTION

Hydrotop is a medium-build top coat for doors and windows and for the embellishment of wood construction parts with dimensional stability. Hydrotop is a water-based PUR-top coat which offers lasting protection against weathering and UV rays. It also confers a satin finish to the wood.

Hydrotop

Water-based medium-build top coat

Brushing | Spraying | Dimensional stability | Partial dimensional stability

Characteristics

- Regulates humidity exchange between wood-air
- Offers good protection against UV rays thanks to the UV absorbers
- Makes the wood water-repellent
- Leaves a pleasant wax effect
- Anti-blocking when used on doors and windows
- The use of Hydrotop signifies longer periods between maintenance work
- Easy to apply
- Highly elastic and stable with no flaking

Fields of use

For use on internal and external wood with partial or total dimensional stability and not in permanent contact with the ground or with water. Particularly indicated for outside doors and windows.

Drying times

Approx. 2 – 4 hours according to the type of wood

Yield

10 m²/l per coat

Certification

- Tested according to EN 71, Part 3 “Toy Safety – migration of certain elements”

Tin sizes

0,750 l - 2,5 l - 5 l and 25 l*
(*only 00 Colourless, 30 Birch and 91 Covering white)

Recommended cycles

- Interior wood:
  - 1 - 2 x Hydrotop
- Exterior wood (doors and windows):
  - 1 - 2 x Hydrogrund Plus or Aqua Lignex I
  - 1 - 2 x Hydrotop
- Renovation of exterior wood:
  - 1 - 2 x Hydrotop

Colours**

1 Oak | 27 Teak | 4 Walnut | 30 Birch

32 Apricot | 91 Covering white

“00 Colourless” is also available.



* For production purposes, some colours on the colour chart may be produced with our Colormix system. The colours produced in this way could differ slightly from the “ready” colours. If it is to be used for an on-going job, always check the colour first before continuing with application



WEATHER RESISTANT PAINT

Amolis is a water-based acrylic paint suitable for all kinds of decorative applications both indoors and out. Its special formula has a protective function to protect against atmospheric agents and is anti- blocking. It is ideal for wood surfaces but is also suitable for use on concrete, masonry and other building elements in iron or steel.

Amolis

Water-based acrylic paint

Characteristics

- Ideal for interior and exterior use
- Renders the wood water resistant
- Regulates the humidity exchange between wood-air
- Easy to use
- Highly elastic and stable and does not flake
- Light resistant
- When used for renovation work, it renders the colour homogeneous on the wood surface
- Lightens wood which has become particularly grey over time
- Anti- blocking when used on doors and windows

Fields of use

For wood with dimensional stability, partial dimensional stability or no dimensional stability such as, for example, doors, windows, wood coverings, pergolas, shutters etc.
It is also ideal for galvanized sheet metal and mineral surfaces such as plaster, concrete and fibre cement.

Drying times

Approx. 2 – 4 hours according to the type of wood.

Yield

10-12 m²/l per coat

Certification

- Tested according to EN 71-3 "Toy Safety – Migration of Certain Elements"

Tin sizes

1 l - 2,5 l - 10 l*
(*only 91 Covering White)

Recommended cycles

- Interior wood:
  - 1 - 2 x Amolis
- Exterior wood
  - 1 - 2 x Hydrogrund Plus o Aqua Lignex l
  - 1 - 2 x Amolis
- Renovation of exterior wood:
  - 1 - 2 x Amolis

Brushing

Spraying

Rolling

Partial dimensional stability

No dimensional stability

Colours**

15 Ivory

64 Light ochre

16 Light gray

84 Gray

75 Sweden red

77 Medium brow

79 Dark brown

72 Red

69 Dove blue

65 Moss green

89 Black

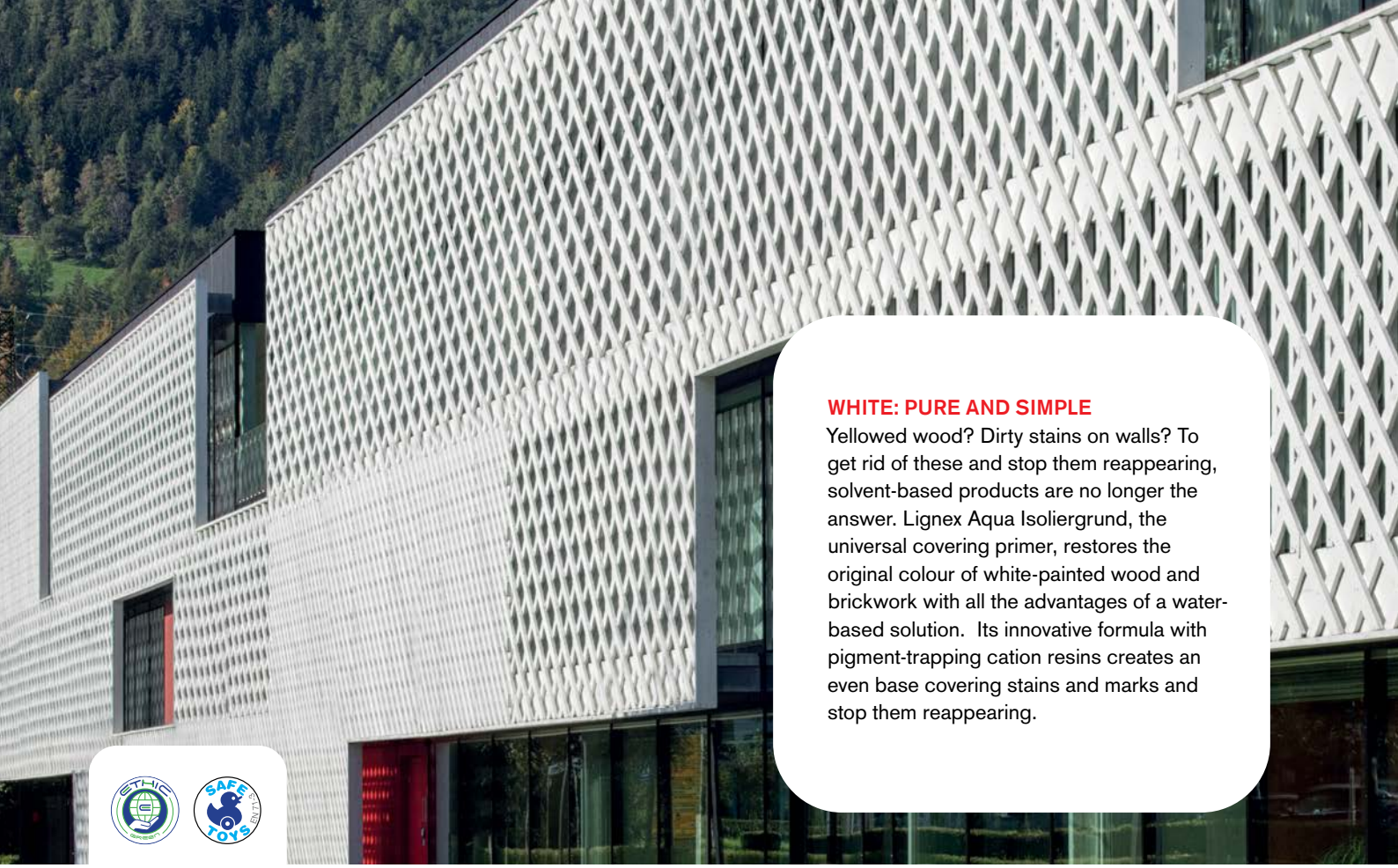
91 Covering white



Amolis is available in a wide range of matt colours. In addition to the above mentioned standard colours, it is possible to choose any of the RAL colours or any colour desired thanks to the Colormix system, available in 1l.-2,5l.-5 l.-10l. tins.

See page 66 for further information.

** For production purposes, some colours on the colour chart may be produced with our Colormix system.
The colours produced in this way could differ slightly from the "ready" colours. If it is to be used for an on-going job, always check the colour first before continuing with application.



WHITE: PURE AND SIMPLE

Yellowed wood? Dirty stains on walls? To get rid of these and stop them reappearing, solvent-based products are no longer the answer. Lignex Aqua Isoliergrund, the universal covering primer, restores the original colour of white-painted wood and brickwork with all the advantages of a water-based solution. Its innovative formula with pigment-trapping cation resins creates an even base covering stains and marks and stop them reappearing.

Lignex Aqua Isoliergrund

Water-based universal insulating primer

Brushing

Spraying

Rolling

Dimensional stability

Partial dimensional stability

No dimensional stability

Characteristics

- Highly covering and insulating
- Can be used as a primer and finishing coat in indoor environments
- Blocks the escape of resins and other extracts such as tannin on wood
- Deals effectively with stains produced by coffee, nicotine, bitumen, ink, rust and sedimentation on brickwork
- Its faint odour makes it ideal for indoor use

Fields of use

A universal insulator for wood and features in brickwork or plasterboard. Suitable for use on indoor and outdoor wood that is not in direct contact with soil or water.
Recommended for wooden surfaces that have turned yellow or for covering stains on mineral-based surfaces such as brickwork, concrete, plasterboard, etc. Also ideal for obtaining a perfect white, long-lasting finish on new wood and also as a basecoat for light-coloured and pastel paints with no risk of stains showing through.

Drying time

Can be over painted after about 6 hours for the maximum insulating performance.

Yield

About 10 - 16 m²/l per coat

Tin sizes

1 l – 2,5 l – 5 l

Certifications

- Tested according to EN 71, Part 3 “Toy Safety – migration of certain elements”

Recommended cycles

- For indoor wood:
  - Lignex Aqua Isoliergrund (80-120 µm wet)
  - 1 x Lignex Aquagel, Amolis, Hydrotop or again Lignex Aqua Isoliergrund
- For new outdoor wood:
  - 1 - 2 x Hydrogrund Plus (protective primer)
  - Lignex Aqua Isoliergrund (80 -120 µm wet)
  - 1 - 2 x Lignex Aquagel, Amolis, Hydrotop
- On mineral surfaces:
  - Lignex Aqua Isoliergrund (80-120 µm wet)
  - 1 x Lignex Amolis, other water-based wall paints or again Lignex Aqua Isoliergrund

Colours

71
Offwhite

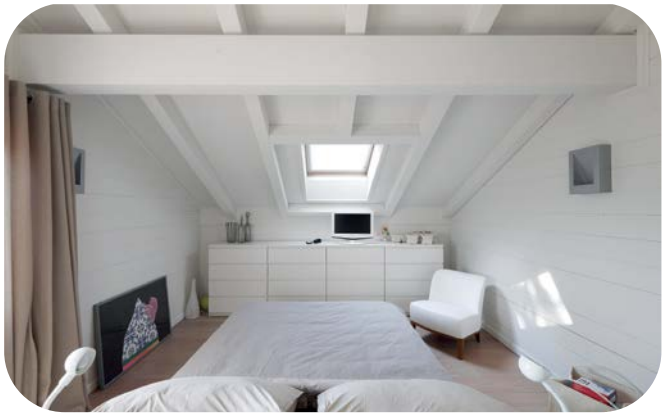


Long-lasting white wood

Wood is a living material. Over time, resins and extractives tend to bleed through and can leave marks, especially on wood that has been painted white. What can we do to stop this happening? Just apply Lignex Aqua Isoliergrund before painting to seal false ceilings, beams, matchboard and any other wooden structures permanently, both indoors and outdoors. With Lignex Aqua Isoliergrund white wood stays white!

As good as new

With Lignex Aqua Isoliergrund it is possible to refresh wooden structures if their white finish has become yellowed or stained. When used as a primer under a white top coat, Lignex Aqua Isoliergrund gives white wood a new lease of life, ensuring structures stay beautiful and protected for longer.



Perfect results start underneath

Lignex Aqua Isoliergrund can be used on its own indoors or combined with Amolis, Lignex Aquagel and Hydrotop water-based finishing treatments outdoors. The choice of top coat depends on the desired result. It can be over-painted with any colour. It is best to use Lignex Aqua Isoliergrund as a primer if applying very light coloured paints (range of whites and pastel colours) to ensure a long-lasting flawless result.

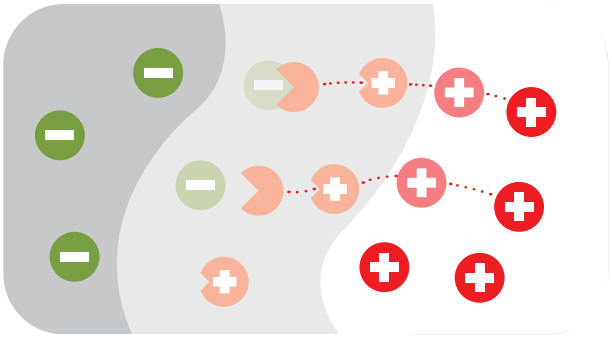


No more stained walls

When applied to walls, plasterboard, cement or plaster, Lignex Aqua Isoliergrund makes traces of water, soot and more stubborn stains like ink, coffee, nicotine, tar and rust disappear. The special agents in Lignex Aqua Isoliergrund capture the stains, blocking them and stopping them from bleeding through to the top coat.

How it works

To stop stains discolouring paint, it is no longer necessary to block them with film-forming polyurethane systems. The Lignex Aqua Isoliergrund technology is based on the different polarities of the substances. Stains of organic origin are water-soluble and their polarity is negative. Lignex Aqua Isoliergrund, on the other hand, has a positive charge: when applied to the surface, it attracts the negative particles of the stain, blocking them. Dirt disappears and does not reappear. The water-based formula and low odour make Lignex Aqua Isoliergrund suitable for all applications, especially home environments.



Lignex Aqua Isoliergrund



ECOLOGICALLY SAFE
Hydrolac is an “ecological” varnish ideal for use indoors. It is characterized by high surface durability, which makes it very resistant to abrasion and stains. At the same time, it is easy to apply and is practically odourless. Furthermore it is safe from a fireproofing point of view as it reaches the maximum level foreseen by the European norm - all this with a beautiful aesthetic finish.

Hydrolac

Water-soluble one component polyurethane varnish

Brushing Rolling Spraying

Characteristics
- Ecological
- Safe and fire-resistant
- Easy to use
- Elegant aesthetic finish
- Does not go yellow
- Resistant to wine, coffee, detergent stains etc.
- Available in the glossy and matt versions

Fields of use
For varnishing parquet, flooring, interior wood coverings and also furniture . When applied in the quantity foreseen by the test certificate, the fire class Bfl s1 is reached based on the European norms in force.

Drying time
Dry dust free after approx. 20 minutes.

Yield
8 - 10 m²/l

Certification
- Has obtained the European certification ECOLABEL
- Has been tested according to the European norms at the CATAS laboratories
- Tested according to EN 71, Part 3 “Toy Safety – migration of certain elements”

Tin sizes
0,750 l - 2,5 l

Recommended cycles
- 3 x Hydrolac sanding between each coat

Colours
“00 Colourless” in glossy and matt finish.



Rinfresko

Revitalizing oil for varnished wood







Brushing

Rinfresko is a water-based revitalizing oil for varnished wood and contains no active ingredients.

Characteristics

- Restores the shine to varnished wood surfaces which have become opaque over time
- Easy to use
- Can also be used indoors

Fields of use

For the care of wooden surfaces, previously varnished with solvent-based or water-based products, which have become opaque due to weathering . To be used before any flaking occurs. It is particularly recommended for use on varnished doors and windows.

Drying times

Approx. 1 hour

Yield

15 m²/l per coat

Tin sizes

0,750 l

Colours

00 Colourless





ELEGANCE AND STRENGTH
Hydrolac Marine produces an exclusive polished finish on all top-quality wooden surfaces, including flooring and furniture, on boat interiors. It offers high surface hardness, is extremely quick-drying, easy to apply and gives off very little odour. It also carries the Ecolabel mark certifying its low environmental impact.

Hydrolac Marine

Water-based single-component polyurethane varnish for boats

Brushing Rolling Spraying

Characteristics
- Elegant aesthetic effect
- Abrasion- and scratch-resistant
- Resistant to wine, coffee, detergent stains etc.
- Quick drying
- Environmentally-friendly
- Easy to use

Fields of use
For varnishing all top-quality wooden surfaces, including flooring and furniture, on boat interiors.
The fire resistance of wooden flooring treated with Hydrolac Marine is enhanced (tests carried out at CSI laboratory).

Drying time
Dust dry after approx. 20 minutes

Yield
8 - 10 m²/l

Certifications
- Has obtained EU ECOLABEL certification
- Tested in accordance with EU standards at the CATAS laboratory
- Tested in accordance with EN 71-3 “Toy safety - Migration of certain elements”

Tin sizes
0,750 l

Recommended cycles
Apply multiple coats of Hydrolac Marine, sanding between coats

Colours
“00 Colourless” with matt finish





WHAT ARE VOCS AND WHERE CAN YOU FIND THEM?

VOCs (volatile organic compounds) are various kinds of chemical compounds which are made up of molecules which can be different but are all volatile, meaning they evaporate easily in the air at room temperature. They can be of natural origin, man-made, or a combination of the two. VOCs are found in many everyday products, as well as building materials. The harmful effects of these compounds naturally depend on their concentration in the environment and how long we are exposed to them.

VOC Zero for a healthy and safe home

A healthy home needs sun, air and humidity, all in the right proportions. But it is also important that our living space is not contaminated by excessive amounts of chemical products and this is why you need to keep an eye on your VOCs.

Protecting your home inside and out

When we think of our homes, we automatically think of them as being safe, healthy and comfortable, suitable for everyday living. Up to a couple of years ago, our concerns focussed purely on the dangers from the outside. Unfortunately, scientific studies have recently shown that indoor pollution can actually be a lot more dangerous. To keep energy costs down and prevent energy loss indoors, building solutions have been used which have, however, worked to the detriment of the quality of the air we breathe, stopping volatile organic compounds from escaping from our homes.

What is carnauba wax?

Carnauba wax is a natural product obtained from the leaves of palm trees native to South America, where it is cultivated today. It is a superior plant-based wax and its properties have earned it the name “queen of waxes”. It is used in a wide variety of sectors, from cosmetics to the food industry.

Some of its most important properties are:

- It is an effective polish
- It is water-repellent (it forms a kind of protective film over the surface it is applied to)
- It thickens and hardens (its high melting point makes the products it is contained in more resistant to heat)
- It is a preservative
- It is hypoallergenic.



BEAUTIFUL AND HEALTHY
Lignex Aqualasur is a protective and decorative impregnating treatment that is especially recommended for interiors, as well as covered outdoor environments. Its special formula, which is free of VOCs, helps keep the environment healthy.

Lignex Aqualasur

Water-based impregnating treatment for home environments

Brushing

Partial dimensional stability

No dimensional stability

Characteristics

- Enhances the wood's natural grain
- Does not contain volatile organic compounds (VOCs)
- Leaves the pores of the wood open and controls the exchange of moisture between the wood and the air
- Regulates absorption in wood and produces uniform colouring even on more difficult types of wood
- Makes wood water-resistant.

Fields of use

As an impregnating treatment on wood with no dimensional stability and not in direct contact with the soil and water, such as beams, boarding, coverings in attics and other woodwork in general both in indoor and covered outdoor environments. The formula makes it the perfect product for healthy interiors.

Drying time

After about 2 - 4 hours
depending on the type of wood

Yield

12 - 16 m²/l per coat depending on the absorption of the wood and the machine settings

Tin sizes

0,750 l - 2,5 l

Certifications

- Has obtained EU ECOLABEL certification
- Tested in accordance with EN 71-3 "Toy safety - Migration of certain elements"
- Tested according to DIN 53160-1/2 "resistance to saliva and sweat"
- VOC Emissions and Content measured by Eurofins laboratory - compliance with:
  - French VOC Regulation A+
  - French CMR components
  - Italian CAM Edilizia
  - German ABG/AgBB
  - Belgian Regulation
  - Finnish emission class M1
  - Indoor Air Comfort Gold
  - Decopaint Directive (2004/42/EC) VOC/SVOC ISO 11890-2 < 1 g/l
  - BREEAM "Exemplary level"
  - LEED

Colours

1
Oak

10
Light walnut

2
Larch

27
Teak

4
Walnut

35
Wenge

91
Covering white

"00 Colourless" is also available.





HEALTHY LIFE

Lignex Aquawax is a water-based medium thickness protective and decorative impregnating finishing treatment which enhances wood in indoor and covered outdoor environments. Carnauba wax, which has many beneficial properties, including being hypoallergenic, has been added to the product, making surfaces exceptionally water-repellent and washable. Lignex Aquawax helps keep indoor and outdoor environments healthy.

Lignex Aquawax

Water-based wax-effect finishing treatment

Brushing

Spraying

Partial dimensional stability

No dimensional stability

Characteristics

- Protects the wood
- Contains carnauba wax which makes the surface water-repellent and easier to wash
- Creates a pleasant wax effect and leaves the pores of the wood open
- Does not contain volatile organic compounds (VOCs)
- Controls the exchange of moisture between the wood and the air and makes the wood water-resistant.

Fields of use

As a finishing treatment on wood with no dimensional stability and not in direct contact with soil and water, such as indoor wood coverings, beams and woodwork in general in both indoor and covered outdoor environments. The formula makes it the perfect product for healthy interiors, as it protects treated surfaces from mechanical and chemical stress (e.g. minor bumps, fingerprints, fluctuations in temperature, liquids, etc.).

Drying time

After about 2 - 4 hours depending on the type of wood

Yield

10 - 16 m²/l per coat depending on the type of wood

Tin sizes

0,750 l - 2,5 l

Certifications

- Has obtained EU ECOLABEL certification
- Tested in accordance with EN 71-3 “Toy safety - Migration of certain elements”
- Tested according to DIN 53160-1/2 “resistance to saliva and sweat”
- VOC Emissions and Content measured by Eurofins laboratory - compliance with:

- French VOC Regulation A+
- French CMR components
- Italian CAM Edilizia
- German ABG/AgBB
- Belgian Regulation
- Finnish emission class M1
- Indoor Air Comfort Gold
- Decopaint Directive (2004/42/EC) VOC/SVOC ISO 11890-2 < 1 g/l
- BREEAM “Exemplary level”
- LEED

Colours

1 Oak

4 Walnut

91 Covering white

“00 Colourless” is also available





Solvent-based products

The range of solvent-based products includes wood preservative primers, wood preservatives, wood preservative finishing products and top coats.

The points to be taken into consideration when choosing the most suitable product are the type of protection offered (biological or climatic) and the level of protection guaranteed (from good to excellent). The range is completed by the weather protection paint Lignex Prodeck and a wide range of complementary products.



Table of products with their protection level

Product type and name		Biological protection				
		...of the film from micro-organisms	...from mould and blue-stain fungus	...from destructive fungi	...preventative of attack from wood-boring insects	…curative of damage from wood-boring insects
Preservative base coat	Lignex Defend *				✓	✓
	Lignex Grund BPIv **		✓	✓	✓	
Base coats	Lignex Lasur	✓				
	Lignex High Solid	✓				
Preservative finishing treatments	Lignex Renova	✓				
Top coats	Lignex UV Filter	✓				
Weather protection paint	Lignex Prodeck	✓				

Product type and name		Weather protection	
		…from UV-rays	…from rain and humidity
Base coats	Lignex Lasur	●●	●●
	Lignex High Solid	●●	●●●
Preservative finishing treatments	Lignex Renova	●●●	●●●
Top coats	Lignex UV Filter	●●●●	●●●●
Flatting	Lignex Compact	●	●●●
	Lignex DS 601	●	●●●
Weather protection paint	Lignex Prodeck	●●●●●	●●●●

Total ●●●●● Optimum ●●●● High ●●● Good ●● Moderate ●

* Registered at Italian Ministry of Health as P.M.C. nr. 18994 and in compliance with EU Biocidal Products Regulation BPR 528/2012.

** Product compliant with EU Biocidal Products Regulation BPR 528/2012.

N.B.: Pretreating wood with a preservative base coat offers greater protection against biological influences and therefore represents one of the most important steps in wood protection. Furthermore, as these products penetrate much more deeply compared to normal preservatives, they can regulate the absorption capacity of wood resulting in a much more homogeneous distribution of the colour and better adhesion of the successive cycles. To obtain a better aesthetic result, sand between each coat of product using fine sandpaper (240/280).



DEEP PENETRATING PROTECTION
Lignex Ralgrund is a colourless, solvent-based wood preservative primer with no aromatic compounds which offers deep penetrating preventive protection against blue stain, mould, fungal decay and some kind of wood destroying insects.

Lignex Grund BPIv

Wood preservative primer

Characteristics
- Solvent-based preservative for the preventive protection of wood against blue stain, mould, fungal decay and some kinds of wood destroying insects
- Improves the adhesion and duration of successive coats
- Is easily absorbed and improves the aesthetic finish of successive coats
- Deep penetrating
- No aromatic compounds

Fields of use
Recommended for exterior wood which is not in direct contact with the ground or with water such as e.g. wooden cladding, balconies, garage doors, wooden houses, beams,windows, outside doors and windows etc.

Protection/Active ingredients**
- From Blue stain (B), contains 3-jodo-2-propynylbicarbamate
- From destructive fungi (P), contains tebucanazole
- From xylophagous insects (Iv), contains permethrin

Drying times
Approx. 16 hours depending on the kind of wood

Yield
12 - 14 m²/l per coat

Certifications
- Efficacy tested according to EN 599-1. Compliant with EU Biocidal Products Regulation BPR 528/2012.

Authorizations
CH-2023-0016
DE-0030993-08
AT-0030973-0000

Tin sizes
0,750 l - 2,5 l - 5 l - 25 l - 200 l*
(*Only on request)

Recommended cycles
Recommended as a base coat for solvent-based cycles

Colours
“Colourless 00”
is also available.

Brushing

Immersion

Flow coating

Dimensional stability

Partial dimensional stability

No dimensional stability



 ** This is a wood preservative and must be handled with care. Please read the indications on the tin label before use.



PREVENTIVE PROTECTION
Lignex Lasur Extra is a wood varnish with wax finish and protective film. This product renders wood water repellent and offers excellent protection against atmospheric agents, leaving a pleasing satin finish. It does not flake over time and is ideal for any kind of external application, even on large surfaces such as roofs or wooden houses.

Lignex Lasur

Protective wood varnish

Brushing

Dimensional stability

Partial dimensional stability

No dimensional stability

Characteristics

- Wood protective product
- Leaves the wood open-pored and regulates the exchange of humidity wood-air
- Leaves a pleasing wax effect
- Penetrates deep into the wood
- Contains no aromatic compounds
- Highlights and enhances the wood grain
- Contains active ingredients to protect the film from microorganisms

Fields of use

For the protection of wood with no dimensional stability and not in direct contact with the ground or with water such as, for example, wooden cladding, balconies, garage doors, wooden houses, beams etc. It is also indicated as a base coat for the treatment of elements with dimensional stability such as outside doors and windows.

Drying times

Approx. 16 hours depending on the kind of wood.

Yield

12 - 14 m²/l per coat

Tin sizes

0,750 l - 2,5 l - 5 l - 25 l
und 200*l
(* Only on request)

Recommended cycles

- 2 - 3 x Lignex Lasur
- On wood with dimensional stability use Lignex UV Filter:

- 1 x Lignex Lasur
- 2 x Lignex UV Filter

- To obtain biological protection it is necessary to use a protective base coat such as Lignex Grund BPlv.

Colours

13 Pine
1 Oak
48 Medium oak
10 Light walnut
2 Larch
3 Chestnut
27 Teak
11 Mahogany
4 Walnut
9 Palisander
35 Wengé
7 Ebony
42 Green



"Colourless 00" is also available.



FOR EXTREME CONDITIONS
Lignex High Solid is a protective wood preservative with a high resin content for wood exposed to extreme climatic conditions. Its special solvent-based formula penetrates deeply with only 2 coats and creates a film which acts as a barrier against damp and rain. Lignex High Solid also gives wood an elegant and warm satin finish.

Lignex High Solid

High Solid wood preservative

Brushing

No dimensional stability

Dimensional stability

Partial dimensional stability

Characteristics

- Protects wood
- Leaves the wood open-pored and regulates the exchange of humidity wood-air
- Offers good protection against UV rays thanks to the special UV absorbers
- High yielding and easy to apply
- Contains no aromatic compounds
- Gives a pleasing wax effect
- Penetrates deeply into the wood
- The application of 2 coats of Lignex High Solid gives the same results obtained with three coats of conventional wood preservatives
- The high solid content (approx. 70% in weight), obtained thanks to the new technology regarding high solid alkyd resins, guarantees minor impact on the environment.

Fields of use

For use on wood, also with dimensional stability but not in direct contact with the ground or with water such as for example, balconies, external doors and windows, wooden houses, pergolas and wooden structures in general.

Drying times

Approx. 16 hours depending on the kind of wood.

Yield

15 - 18 m²/l per coat

Tin sizes

1 l - 2,5 l - 5 l

Recommended cycles

- 2 x Lignex High Solid
- To obtain a good biological protection, it is necessary to use a protective primer such as Lignex Grund BPlv

Colours*

13 Pine

1 Oak

48 Medium oak

10 Light walnut

3 Chestnut

27 Teak

4 Walnut

35 Wengé

"Colourless 00" is also available.



COLORMIX

* For production purposes, some colours on the colour chart may be produced with our Colormix system. The colours produced in this way could differ slightly from the "ready" colours. If it is to be used for an on-going job, always check the colour first before continuing with application.









Two coats of Lignex High Solid are sufficient to protect wood from atmospheric agents in extreme climatic conditions, especially in the mountains or at the seaside.

An innovative product

Lignex High Solid is a preservative which distinguishes itself thanks to several important characteristics and a series of advantages during and after application:

High solid preservative

Lignex High Solid has been developed using a new generation of high solid alkyd resin which makes it possible to use a minimum amount of solvent in the product: the emissions are therefore much lower which means lower impact on the environment.

Rich high solid content

The high solid content in Lignex High Solid (the part of the product which remains on the treated surface once the solvent has evaporated) is equivalent to 70% of the weight. This means that less product is needed to obtain the same results as a normal preservative (which has a high solid content of 12-30%).
In practical terms, just two coats of product are sufficient, which means that application is quicker, with a saving on product and manpower and, ultimately, money.

UV Asborbers

The high solid content of the product, the quality of the pigments used (micronized, semi-transparent, iron oxide pigments) and the UV absorbers added to Lignex High Solid guarantee longer durability compared to that obtained when using a normal preservative.
Lignex High Solid is an ideal product for treating wood in extreme climatic conditions (e.g. in the mountains or near the sea).









GIVES NEW LIFE TO WOOD

Lignex Renova is a top coat wood preservative with wax effect which gives new life to weathered wood. Its special composition ensures maximum protection against damp and UV rays and, at the same time, restores the natural beauty of the wood leaving the surface and the colour uniform.

Lignex Renova

Medium-build top coat with wax effect

Brushing

Partial dimensional stability

No dimensional stabilitya

Characteristics

- Leaves the wood open-pored and regulates the exchange of humidity wood-air.
- Offers good protection against UV rays thanks to the special UV absorbers
- Non-drip thanks to the gel consistency
- High yielding and easy to apply
- Contains no aromatic compounds
- Renders the wood water resistant
- Leaves a pleasing wax effect on the wood
- Evens out the colour and lightens wood especially when it has become grey with age.
- Contains active ingredients to protect the film from microorganisms

Fields of use

For use on wood, with no dimensional stability and not in direct contact with the ground or with water. It is particularly indicated for renewing wooden surfaces which have deteriorated due to weathering.

Drying times

Approx. 12 hours depending on the kind of wood.

Yield

12 - 15 m²/l per coat

Tin sizes

0,750 l - 2,5 l - 5 l - 25 l*
(* Only 00 Colourless and 04 Walnut)

Recommended cycles

- External wood:
  - 1 - 2 x Lignex Grund BPlv
  - 1 - 2 x Lignex Renova
- For renovation work outdoors:
  1 - 2 x Lignex Renova

Colours**

13 Pine

1 Oak

48 Medium oak

10 Light walnut

3 Chestnut

27 Teak

4 Walnut

35 Wengé

7 Ebony

51 Transparent white

91 Covering White

60 Covering Ochre

76 Covering Beige

"00 Colourless" is also available.



COLORMIX

** For production purposes, some colours on the colour chart may be produced with our Colormix system. The colours produced in this way could differ slightly from the "ready" colours. If it is to be used for an on-going job, always check the colour first before continuing with application.

Special cycles for wood which has aged due to weathering

Before applying Lignex Renova in the wood tone desired, it is possible to proceed in two ways to renovate aged and grey wood: by applying a coat of Lignex Renova using one of the opaque colours or by cleaning the wood thoroughly with Polilac, a wood lightener (for details please see page 52). Please see the application details below.

With Lignex Renova Plus opaque colours (white, ochre, beige):

91 - Covering white

60 - Covering ochre

63 - Covering beige

1. Clean the parts to be treated



2. Apply Lignex Renova using one of the covering colours



3. Apply Lignex Renova in one of the wood tones



Using Polilac (lightener):

1. Apply Polilac with a brush



2. Wash with plenty of water



3. Apply the desidered colour of Lignex Renova





BRILLIANT FINISH
Lignex UV Filter is a solvent-based wood preservative top coat for the treatment of wooden doors and windows and any other wooden structure with partial dimensional stability such as balconies, banisters and wood coverings. Thanks to its special formula it does not drip and it can be applied in all conditions. Treatment with this product ensures excellent climatic wood protection and leaves a pleasing, warm satin effect.

Lignex UV Filter

Top coat with wax effect

Brushing | Spraying | Dimensional stability | Partial dimensional stability

Characteristics
- Regulates the exchange of humidity wood-air
- Offers good protection against UV rays thanks to the special UV absorbers
- Contains no aromatic compounds
- Renders wood water resistant
- Leaves a pleasing wax effect on the wood
- Anti- blocking when used on doors and windows
- The use of Lignex UV Filter means longer periods of time between maintenance work
- Very elastic and stable, does not flake

Fields of use
For use on wood, with dimensional stability or partial dimensional stability not in direct contact with the ground or with water. It is particularly indicated for external doors and window frames.

Drying times
Approx. 16 hours depending on the kind of wood.

Yield
12 - 15 m²/l per coat

Tin sizes
0,750 l - 2,5 l -5 l - 25* l
(* Only 00 Colourless and 01 Oak)

Recommended cycles
- External wood:
  - 1 - 2 x Lignex Grund BPlv
  - 1 - 2 x Lignex Lasur
  - 1 - 2 x Lignex UV Filter
- For renovation work outdoors:
  - 1 - 2 x Lignex UV Filter

Colours**

13 Pine | 1 Oak | 10 Light walnut | 3 Chestnut

27 Teak | 4 Walnut

"00 Colourless" is also available.



COLORMIX

** For production purposes, some colours on the colour chart may be produced with our Colormix system. The colours produced in this way could differ slightly from the "ready" colours. If it is to be used for an on-going job, always check the colour first before continuing with application.

UV Protection

Ultraviolet rays cause the lignin in the wood to break down and rain water causes it to be washed out of the wood resulting in the wood becoming grey and weathered. To avoid damage from UV rays it is indispensable to use products containing UV filters.

Lignex UV Filter can protect wood against UV rays thanks to its combination of UV absorbers and anti-oxidants. The UV absorbers block the ultraviolet rays contained in the solar spectrum and stop them penetrating into the wood.

The anti-oxidants combat photodegradation and the effects of oxidization of the paint film (which causes it to fade and become opaque).

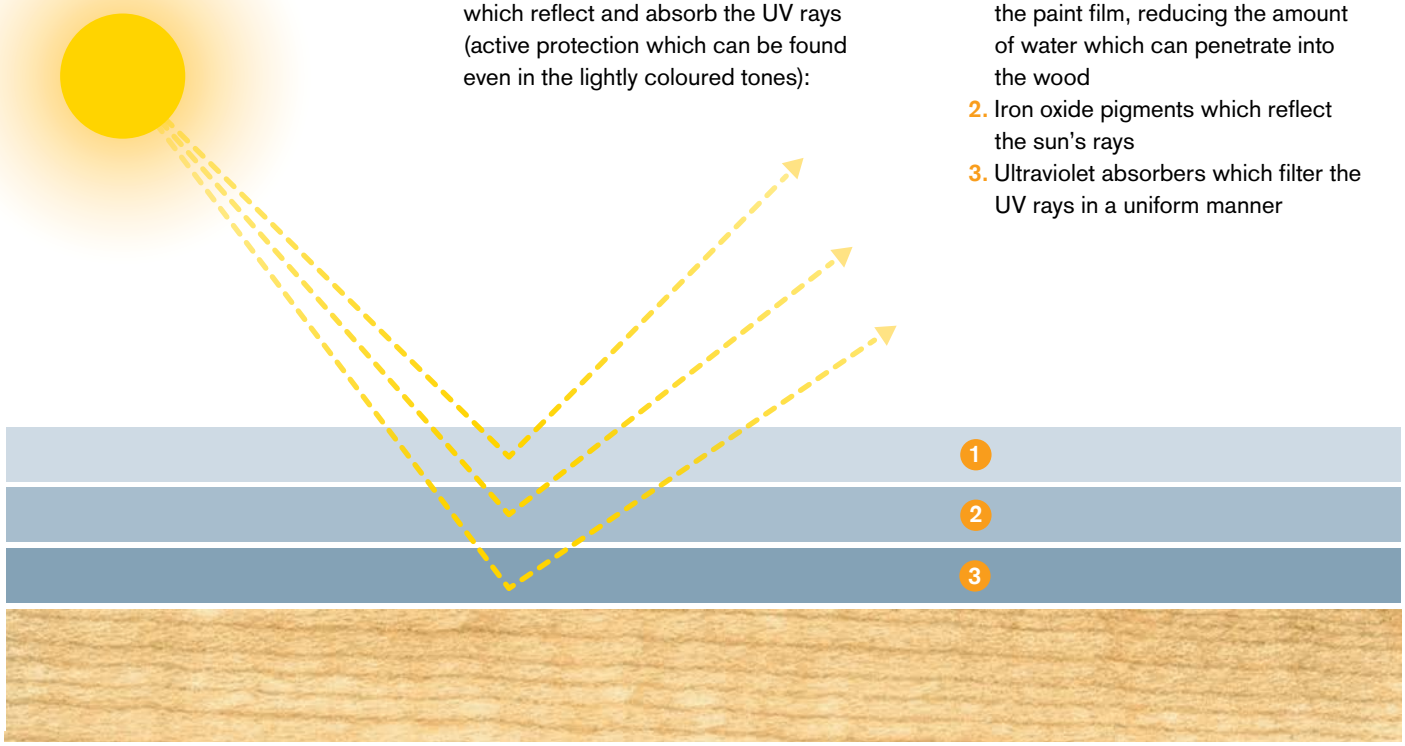
The presence of anti-oxidants and UV absorbers protect the wood and delay the process by which the paint starts to go yellow and discolour.

Lignex UV Filter is easy to use as it is slightly thixotropic: even when applied on vertical surfaces, it does not drip. The paint film does not flake, it lasts longer and is easier to maintain.



The wood is protected by 3 layers which reflect and absorb the UV rays (active protection which can be found even in the lightly coloured tones):

1. Special resin - repairs and stabilizes the paint film, reducing the amount of water which can penetrate into the wood
2. Iron oxide pigments which reflect the sun's rays
3. Ultraviolet absorbers which filter the UV rays in a uniform manner





A surface treated with Lignex UV Filter does not absorb water: the drops which form on the paint film indicate that the protection is working.



CLIMATIC PROTECTION
Lignex Prodeck is a thixotropic paint for climatic protection based on long oil alkyd resins for the decoration of internal and external wood.

Lignex Prodeck

Maximum protection against UV rays

Characteristics
- Non-drip during application
- Easy to use
- Regulates the exchange of humidity wood-air
- Is very elastic and stable, avoiding any flaking
- Offers good protection against the sun's rays
- Makes the wood water resistant
- Anti-blocking when used on doors and windows
- Contains active ingredients to protect the film from microorganisms

Fields of use
For wood with dimensional and partial dimensional stability and even no dimensional stability, such as doors, windows, wooden cladding, pergolas, shutters etc.

Drying times
Approx. 12 hours depending on the kind of wood.

Yield
10 - 12 m²/l per coat

Tin sizes
1 l - 2,5 l - 5 l - 10 l

Recommended cycles*
- New external wood:
  - 1 - 2 x Lignex Grund BPlv
  - 1 - 2 x Lignex Prodeck
- Renovation of external wood
  - 1 - 2 x Lignex Prodeck

Brushing

Spraying

Rolling

Dimensional stability

Partial dimensional stability

No dimensional stability

Colours*

15 Ivory

64 Light ochre

16 Light gray

84 Gray

75 Sweden red

77 Medium brow

79 Dark brown

72 Red

69 Dove blue

65 Moss green

89 Black

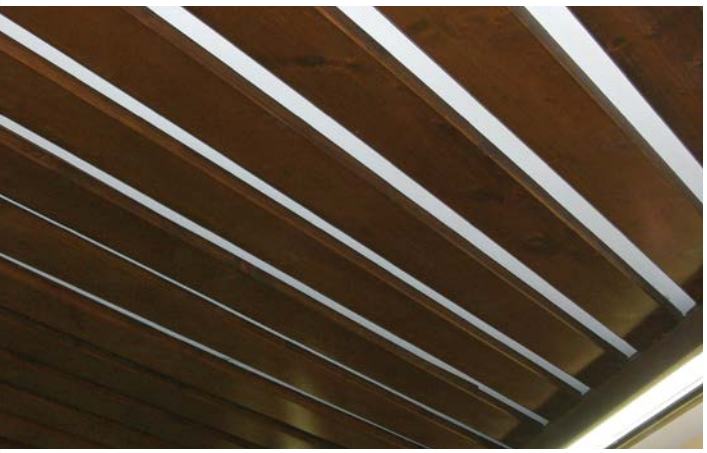
91 Covering white



Lignex Prodeck is available in a wide range of covering colours: in addition to the colours in the colour chart, all RAL colours or any desired colour can be chosen thanks to the Colormix system.

Lignex DS 601

Solvent-based alkyd-urethane top coat varnish





Brushing

Spraying

Partial dimensional stability

Dimensional stability

Lignex DS 601 is a transparent varnish which protects wood from damp and UV rays.

Characteristics

- Ideal for internal and external use
- Contains no aromatic compounds
- Makes the wood water repellent
- Is available in glossy and satin finish
- Good filling capacity

Fields of use

For top-coating internal and external wood, with dimensional stability and partial dimensional stability, not in direct contact with the ground or with water. Particularly indicated for external doors and window frames and for use in areas near the sea.

Drying times

Dust dry after approx. 2 hours - completely dry after 24 hours approx.

Yield

10 - 12 m^2/l per coat

Tin sizes

0,375 l - 0,750 l - 5 l

Recommended cycles

- Internal wood:
  - 1 - 2 x Lignex DS 601
- External wood (and for doors and windows)
  - 1 - 2 x Lignex Grund BPlv
  - 1 - 2 x Lignex Lasur coloured
  - 1 - 2 x Lignex DS 601
- For renovation work outdoors:
  - 1 - 2 x Lignex DS 601

Colours

“00 Colourless” in glossy and matt finish.

Lignex Compact

Solvent-based alkyd-urethane varnish





Brushing

Spraying

Partial dimensional stability

Dimensional stability

Lignex Compact is a solvent-based alkyd-urethane varnish for the protection of external windows and doors against damp and UV rays.

Characteristics

- Ideal for internal and external use
- Contains no aromatic compounds
- Makes the wood water repellent
- Available in glossy and satin finish
- Good filling capacity
- Thixotropic, does not drip

Fields of use

For top-coating internal and external wood, with dimensional stability and partial dimensional stability, not in direct contact with the ground or with water. For the surface protection of wood against damp and severe weather conditions. It is particularly suitable for use in areas near the sea.

Drying times

Dust dry after 2 hours – completely dry after approx. 24 hours.

Yield

10 m^2/l per coat

Tin sizes

0,750 l - 2,5 l - 5 l

Recommended cycles

- Internal wood:
  - 1 - 2 x Lignex Compact
- New external:
  - 1 - 2 x Lignex Grund BPlv
  - 1 - 2 x Lignex Lasur
  - 1 - 2 x Lignex Compact
- For renovation work outdoors:
  - 1 - 2 x Lignex Compact

Colours

Only available in “00 Colourless”.
The product is available in two gloss levels: satin sheer and glossy.

Fresko

Revitalizing oil for varnished wood





Brushing or with a cloth

Fresko is a solvent-based revitalizing oil for use on varnished wood. It does not contain any active ingredients.

Characteristics

- Restores the shine to varnished wood surfaces which have become opaque over time
- Easy to use
- Can also be utilized indoors

Fields of use

For maintenance work on wood surfaces and other supports previously varnished with a water-based or solvent-based product which have become opaque due to weathering but are not flaking. Particularly suitable for doors and windows treated with wood stain.

Drying times

After approx. 1 hours

Yield

Approx. 15 m²/l per coat

Tin sizes

0,750 l

Colours

“Colourless 00”

Polilac

Wood lightener and cleaner for grey, discoloured wood











Brushing

Polilac lightens wood which has become grey over time restoring its natural colour to the wood.

Characteristics

- Wood cleaner
- Easy to use

Fields of use

For external use on wood surfaces which have become grey, such as shutters, balconies, external cladding and garden furniture.

Drying times

Approx. 12 hours

Yield

Approx. 5 m²/l. according to the type of wood

Tin sizes

0,750 l in plastic containers

Recommended cycles

Apply abundantly with a flat brush, leave it to work for about 30 - 60 minutes and then rinse with plenty of water and a hard brush, repeating the procedure if necessary.

Holzstuk

Two-component filler paste







Holzstuk is a two-component filler on the basis of unsaturated polyester resins. Suitable for filling and reconstruction of defects on wood.

Characteristics

- Easy to apply
- Hardens rapidly
- Can be sawed, planed, sanded or drilled
- Can be over-painted

Fields of use

Filling of holes and gaps, reconstruction of broken or missing parts, evening out of uneven surfaces, etc.

Application

- Spatula

Drying times

Complete polymerization after approx. 2 hours

Tin sizes

1,4 kg cartridges

Colours

White | Walnut | Oak | Swedish Pine | Douglas | Black

Also available in colour “neutral” in 1,4 kg cartridges.

Netto

Paint brush cleaner





Netto is a solvent product ideal for cleaning and removing stains from painting materials.

Characteristics

- Cleaner for paint brushes and other painting materials
- Even dissolves old paint incrustations
- Effective on paints, oil, grease and bitumen

Fields of use

For cleaning paint brushes and removing tar stains.

Drying times

After approximately 1 hour

Tin sizes

0,750 l - 5 l



Oil-based products

Oil-based and complementary products

Elisir for a long life

Garden furniture and outdoor wooden floors need special protection. Oils care for the wood gently, keeping it naturally beautiful by slowing down the greying process caused by sun and water.

The oil penetrates deeply and protects the wood from within, without creating a film and wearing off over time without flaking. At the same time, it enhances the beauty of the wood, nourishing it with its precious substances and enhancing the natural grain. This characteristic is also appreciated for the protection of furniture and wooden planks in interior environments.



Table of products with main features

	Product name	VocZero	Water-based	100% Natural	For marine environ-ments	Protection of the film from micro-organisms	Protection from UV-rays	Protection from rain and humidity	Protection from abrasion
PROFESSIONAL	Lignex Nature Oil	✓		✓			●●●	●●●●	●●●
	Lignex Longlife Oil						●●●	●●●	●●●●
	Lignex Hydro Oil		✓			✓	●●●●	●●●	●●●
MARINE	Lignex Marine Teak Oil				✓		●●●	●●●	●●●●
INTERIOR	Lignex Hard Oil	✓		✓					●●●●
GARTEN	Lignex Garten Teak Öl						●	●●	●●
	Lignex Garten Holzboden Öl						●●	●●	●●
	Lignex Garten Lärchen Öl						●●	●●	●●
	Lignex Garten Bangkirai Öl						●●	●●	●●

Total ●●●●● Optimum ●●●● High ●●● Good ●● Moderate ●

N.B.: The durability of wood for some species is not sufficient to resist an attack by biological agents. In such cases we recommend to pre-treat with a protective impregnating primer.



NATURAL PROTECTION
A blend of 100% natural oils and resins provide the ideal solution for those who want to enhance and protect outdoor flooring and garden furniture in an environmentally friendly way. The oil penetrates deep into the wood, nourishing it from the inside and preserving it for a long time.

Lignex Nature Oil

Pure natural oil for the protection of outdoor wood

Brushing

Partial dimensional stability

No dimensional stability

Characteristics
- Pure natural oil, does not contain water or solvent
- Suitable for any type of wood
- Penetrates deep into the wood
- Does not peel but fades over time
- High protection from rain and damp
- Enhances the wood's natural grain

Fields of use
Ideal for treating garden furniture and outdoor flooring in tropical and native wood that is not in constant contact with soil or water.

Drying time
Can be over-painted after about 24 hours

Yield
Approx. 15 m²/l per coat, depending on the type of wood

Tin sizes
0,750 l - 2,5 l

Recommended treatments
Apply a number of coats depending on the absorption of the wood and, 10 minutes after each coat, remove any excess with a rag.

Colours
"00 Colourless"





EXTREME DURABILITY

Thanks to its ability to penetrate deep into the wood this oil is perfect as initial treatment as well as caring and maintenance. Lignex Longlife Oil is particularly resistant to weathering and abrasion. Suitable for protecting and revitalising all types of wood used for garden furniture and outdoor floors.

Lignex Longlife Oil

Long-lasting protective oil for outdoor wood

Brushing

Partial dimensional stability

No dimensional stability

Characteristics

- Protects and nourishes wood
- Penetrates deep into the wood
- Enhances the wood's natural grain
- Makes wood water-resistant
- Excellent protection against the elements
- Excellent resistance to wear and abrasion
- Does not create a film and does not peel

Fields of use

As initial treatment and maintenance of garden furniture and outdoor wooden flooring. Ideal for both tropical and native wood that is not in constant contact with soil or water.

Drying time

Can be over-painted after about 8 - 12 hours

Yield

Approx. 20 m²/l per coat, depending on the type of wood

Tin sizes

0,750 l - 2,5 l - 5 l

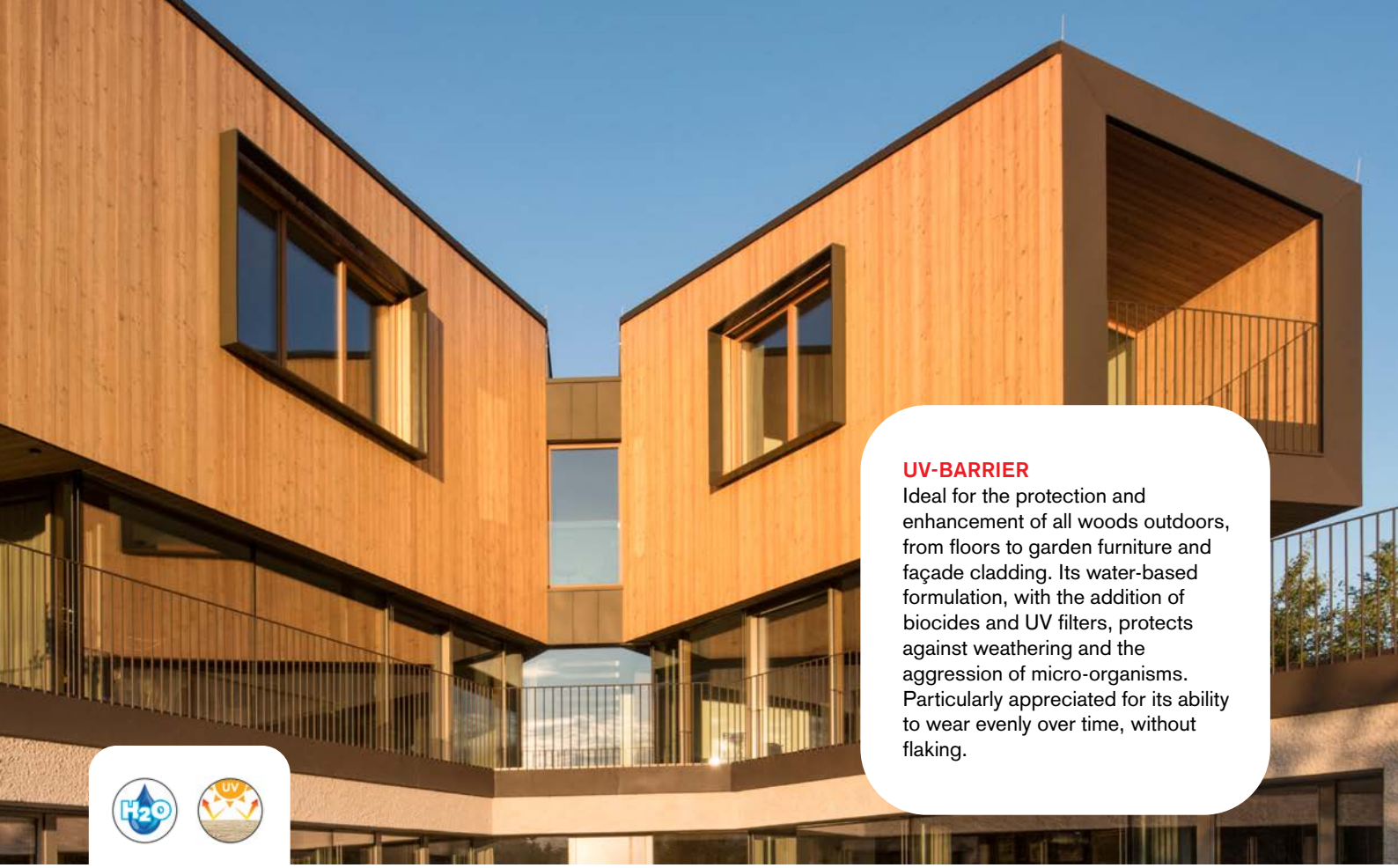
Recommended treatments

Apply a number of coats depending on the absorption of the wood and, 10 minutes after each coat, remove any excess with a rag.

Colours

"00 Colourless"





UV-BARRIER
Ideal for the protection and enhancement of all woods outdoors, from floors to garden furniture and façade cladding. Its water-based formulation, with the addition of biocides and UV filters, protects against weathering and the aggression of micro-organisms. Particularly appreciated for its ability to wear evenly over time, without flaking.

Lignex Hydro Oil

Fast-drying, water-based oil for outdoor wood

Brushing

Dimensional stability

Partial dimensional stability

No dimensional stability

Characteristics

- High protection against UV rays and humidity
- The water-based formula ensures quick drying times
- Contains active ingredients that protect against microorganisms
- Fades over time, does not peel
- Easy to maintain, no sanding required
- Water-resistant
- No danger of spontaneous combustion
- Penetrates deep into the wood and leaves the pores open
- Good resistance to abrasion.

Fields of use

Ideal as initial treatment and maintenance of outdoor wood that is not in constant contact with soil or water, e.g. façades, terraces, garden furniture.

Drying time

Dust dry after about 1 hour, can be handled after about 2 hours, can be over-painted after 4-48 hours.

Yield

Approx. 12 - 18 m²/l per coat, depending on the type of wood

Tin sizes

1 l - 2,5 l - 5 l

Recommended treatments

1 - 3 x Lignex Hydro Oil depending on the absorption of the wood.

Pre-treat wood which is not very durable with a protective primer.

Colours

"00 Colourless" - Colormix (only charted colours)

13 Pine

1 Oak

10 Light walnut

2 Larch

27 Teak

4 Walnut

82 - Moss gray

85 - Light gray

86 - Dark gray

87 - Brown gray

88 - Quartz gray



COLORMIX

Available in different etching colours with Colormix system, in 1 l - 2,5 l - 5 l.



IDEAL FOR BOATS
Thanks to its strong resistance to salt and extreme temperature changes, Lignex Marine Teak Oil is an ideal oil for protecting and enhancing boat decking. It is easy to apply, does not flake and allows for maintenance without sanding.

Lignex Marine Teak Oil

Oil for sealing teak floors on boats

Brushing

Partial dimensional stability

No dimensional stability

Characteristics

- For hardwood on boats
- Protects against salt and sea spray
- Does not create a film and does not peel
- Easy to maintain, no sanding required
- Waterproofs wood
- Protects against the elements and extreme temperature differences
- Protects against UV rays
- Slows down the greying process
- Penetrates deep into the wood and revives the grain and its natural beauty

Fields of use

Particularly suitable as initial treatment and maintenance of hardwood parts which are above the water line on boats.

Drying time

Can be over-painted after about 8 - 12 hours

Yield

Approx. 20 m²/l per coat depending on the under-surface.

Confezioni

0,750 l

Recommended treatments

Apply a number of coats depending on the absorption of the wood and, 10 minutes after each coat, remove any excess with a rag.

Colours

"00 Colourless"





A HEALTHY ENVIRONMENT
Composed of a blend of 100% natural oils and resins, Lignex Hard Oil deeply nourishes the wood and creates an elegant, stain and abrasion resistant surface. Particularly suitable for use on furniture and wooden floors in domestic environments, it is safe for people and provides maximum living comfort.

Lignex Hard Oil

Natural oil for wooden indoor furniture and flooring

Brushing

Characteristics
- Pure natural oil with no solvents or water
- Gives wood a natural-looking finish
- Enhances the wood's natural grain
- Penetrates deep into the wood and protects it from the inside
- Resistant to water and household chemical products
- Resistant to wear and abrasion
- Good resistance to stains (coffee, wine, etc.) and dirt
- Easy to maintain

Fields of use
Ideal as initial treatment and maintenance of wooden furniture and flooring in indoor environments. Can be used on all native and exotic/tropical woods.

Drying time
Can be over-painted after about 24 hours

Yield
Approx. 15 m²/l per coat, depending on the type of wood

Tin sizes
0,750 l

Recommended treatments
Apply a number of coats depending on the absorption of the wood and, 10 minutes after each coat, remove any excess with a rag.

Colours
"00 Colourless"





Lignex Garten

Oils for the care of external wood

Characteristics
- Water repellent
- Highlights the wood grain
- Nourishes the wood

Fields of use
For the care of external wood

Drying times
After approx. 8 hours

Yield
22 m²/l

Tin sizes
0,750 l - 2,5 l - 5 l* - 25 l*

*Only available for Lignex Garten Teak Oil.



Benefits of the oils
- Offer UV protection
- Render the wood water repellent
- Avoid flaking
- Allow the wood to breathe
- Are deep penetrating
- Avoid cracks or splits
- Slow down the greying process

Untended wood
When outdoor wood is left unprotected, water and humidity can penetrate into the wood causing it to turn grey and split over time. In addition to the deterioration in appearance, the structural function of outdoor furniture can be compromised.



Well-kept Wood
Caring for wood with an oil from the Lignex Garten range right from the start means maintaining its beauty over time, protecting it from water and sun without covering the wood grain.



Lignex Garten Teak Öl

Oil for the care of garden furniture made of exotic wood



An oil formulated to penetrate into the wood and to protect garden furniture, increasing durability and preserving beauty.

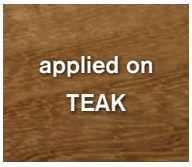


Brushing

Partial dimensional stability

No dimensional stability





Transparent colour



Lignex Garten Holzboden Öl

Oil for the care of wooden flooring and decking outdoors

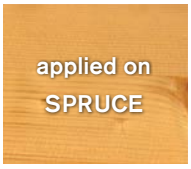
This is the ideal treatment for wooden flooring and decking outdoors such as terraces, patios, walkways. It protects the wood from UV rays and prevents the wood from becoming grey. It avoids excessive wear of the wood and preserves its beauty.



Brushing

Partial dimensional stability

No dimensional stability

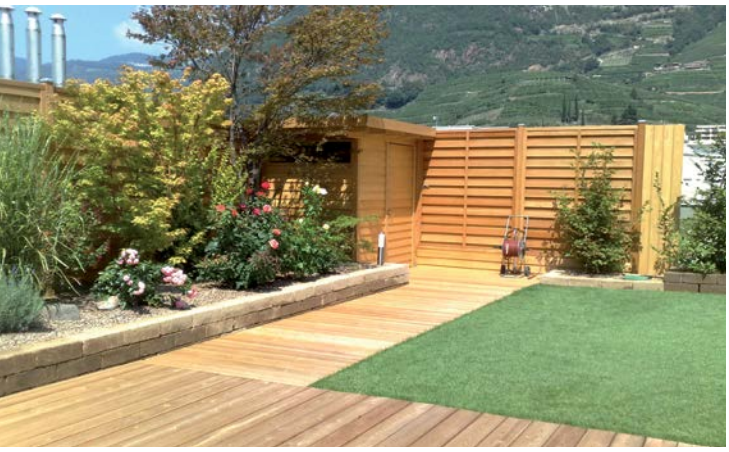




Yellowish colour

Lignex Garten Lärchen Öl

Oil for the care of garden furniture in larch or similar kinds of wood



A specific oil for resinous types of wood such as larch, pine and douglas.
It penetrates into the wood and protects palings, cladding, roofing and structures partially exposed to the weather, lengthening durability and preserving the beauty of the wood.



Brushing

Partial dimensional stability

No dimensional stability

applied on SPRUCE

applied on LARCH

Light reddish colour



Lignex Garten Bangkirai Öl

Oil for the care of wooden floors exposed to the weather

A specific product for floors subject to intense wear and prolonged exposure to water and sun (e.g. around a swimming pool). The oil is formulated to penetrate into the wood and to protect the flooring from the inside, guaranteeing excellent water repellence and protection against UV rays.



Brushing

Partial dimensional stability

No dimensional stability

applied on SPRUCE

applied on BANGKIRAI

Dark reddish colour







Brushing

Lignex Garten Aufheller

For lightening old wood

A product for lightening wood which has become grey with age, restoring the original natural colour.

Characteristics
- Wood cleaner
- Easy to use

Fields of use
For external use on wooden surfaces which have become grey, such as for example, garden furniture, flooring and furnishings.

Drying times
After approx. 12 hours

Yield
Approx. 5 m^2/l according to the type of wood

Tin sizes
0,750 l and 2,5 l in plastic containers

Recommended treatments
Apply abundantly with a flat brush, leave it to work for about 30-60 minutes and then rinse with plenty of water and a hard brush, repeating the operation if necessary.

How to use the products of the Lignex Garten range correctly

A big advantage of oil products is that they are very easy to apply.
The treatment can carried out very easily as long as the following tips and recommendations are followed:



Necessary material
First of all prepare all the necessary tools, i.e.: a flat brush, a soft cloth, a hard brush, fine-grained sand paper, solvent for cleaning the brush. Water and protective gloves are also needed.

Preparation
Stir the oil well before application and also sand the surface to be treated, then clean the surface well.

Treatment
Apply one or more coats of the oil depending on the absorption capacity of the wood, letting the product penetrate completely and removing any excess product with a cloth after about 10 minutes. Let at least 8 hours elapse between each coat. Stir the product well both before and during application.

Short guide for use

Wood to be renovated

When furniture, flooring and wooden structures become grey and show signs of wear, it is necessary to carry out renovation procedures. In this case, a deep cleaner can be used to get rid of dirt and to lighten the wood. An oil chosen according to the use to which the wooden structure will be put and its colour can then be applied.

The procedure is as follows:



Grey and dirty wood.



Remove the dirt by sanding lightly, and then using a hard brush.



Apply Lignex Garten Aufheller abundantly with a flat brush.



After about half an hour, clean with plenty of water removing all traces of the product with the help of a brush with hard bristles.



Sand the surface and then apply the oil.



After about 10 minutes remove any excess product with a cloth.

Periodical maintenance

It is necessary to carry out maintenance work every year to preserve the beauty of the wood and to keep its characteristics intact.

The procedure is as follows:



Clean the surface with a sponge and sand any parts which are damaged or show wear.



Remove the dust with a brush.



Apply the oil and after 10 minutes remove any excess product with a cloth. The operation can be repeated, leaving at least 8 hours between each coat.

New wood

Although it is true that the first protection of the wood is fundamental, it is also true that new furniture should not be treated immediately. It is preferable for a few months to elapse so that the wood pores can open allowing the oil to be absorbed more easily.



Clean the surface with a cloth removing dirt and dust.



Apply a coat of one of the oils from the Lignex Garten range.



Wait for oil to be absorbed into the wood and for it to dry out completely.

The Colormix system



The force of colour

The force of the products in the Colormix System is that they do not just colour wood but they protect it at the same time, respecting its natural characteristics and enhancing its structure. This system offers special solutions for decorating and protecting buildings, structures and other elements in wood.

The tintometric system

Amonn has developed a tintometric system in its research laboratory which allows any colour desired to be obtained, using as a base the Amonn products indicated with the Colormix symbol in this catalogue.



Each of the paints which can be used with the Colormix programme give specific results thanks to their unique characteristics.

This system also offers the possibility of obtaining a wide range of wood tones, all of highest quality, thanks to the use of iron oxides.



The mixing of the colours is simple and the paint can be mixed very quickly in the colour chosen.



Printer for printing the label for the colour obtained.





PRODUCTS AVAILABLE WITH THE COLORMIX SYSTEM

	Water-based	Solvent-based
Transparent	Hydrolignex Design (p. 28)	Lignex Renova (p. 46)
	Lignex Aquagel (p. 26)	Lignex High Solid (p. 44)
	Lignex Hydro Oil (p. 58)	Lignex UV Filter (p. 48)
Covering	Amolis (p. 31)	Lignex Prodeck (p. 50)

Colormix: Nature and tradition

The Colormix system has no limitations on the choice of colour, from the most well-known RAL colours to the creative fantasy of any architectural choice.

For further information about our products, our company and to download the technical data sheets please visit our web-site www.amonncolor.com

We would like to thank the following companies for the use of the photographs kindly supplied by them:
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Attention:
All the colours which appear in the catalogue are indicative. Any variations in colour can depend on how faithful the reproduction of the colour in the catalogue is to the actual colour or on changes in production. The final results also depend on the type of wood and the application of the product itself. Amonn Color reserves the right to modify products and the information contained in this catalogue at any time.
Before purchasing a product, please refer to the technical data sheets which can be consulted and downloaded from our web-site www.amonncolor.com





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