

# I LOVE PARQUET

INTERNATIONAL

[www.iloveparquet.com](http://www.iloveparquet.com)

n. 23

March 2020

Woods  
OF  
THE  
World









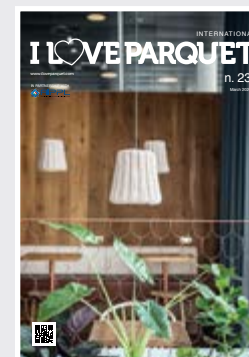
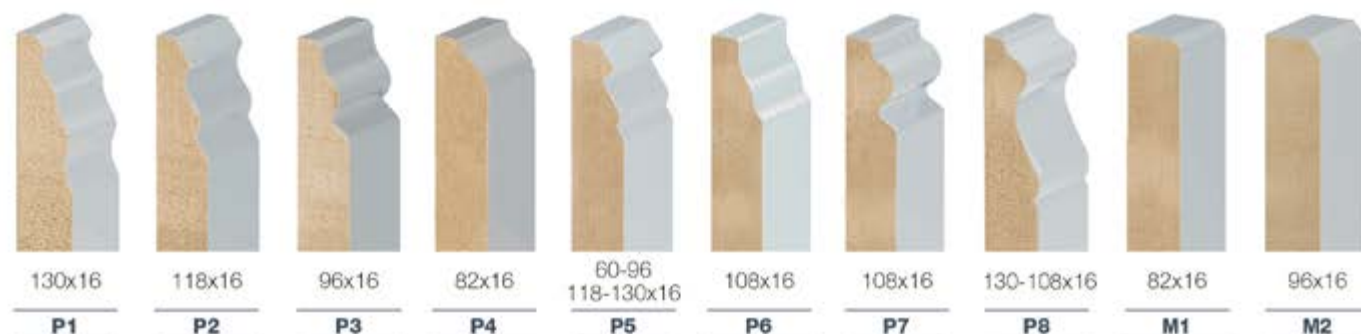
# Skirting Modern<sup>®</sup> and Pregio<sup>®</sup>

[www.dehecchiluciano.com](http://www.dehecchiluciano.com)

Two new **modern and classic** white lines of skirting are broaden the range of lacquered skirting creating comfort; there is possibility to choose from **ten new shapes** following the fashion and design evolution. The skirting made from MDF covered with white flex paintable paper with clip-on system **d-FixClip**, generally is interesting by price and quality.

Designed & Made  
**in Italy**

**d-FixClip**  
quick fixing skirting



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Mafi  
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**Editor**  
4PUNTOZERO Srl  
Via Ressi, 28 - Milano  
Tel. +39 02 39265461  
Fax +39 02 45497579  
[info@4puntozero.it](mailto:info@4puntozero.it)

**Editor in chief**  
Federica Fiorellini  
[fiorellini@4puntozero.it](mailto:fiorellini@4puntozero.it)

**Editor**  
Davide Vernich  
[vernich@4puntozero.it](mailto:vernich@4puntozero.it)

**Editorial staff**  
Anna Baroni, Franco Bulian, Tito Franceschini, Eleonora Mazzola, Chiara Merlini, Clara Peretti

**Art Direction**  
Cremonesi & Co Srl  
[info@robertocremonesi.it](mailto:info@robertocremonesi.it)

**Layout**  
Giuliana Garlaschelli  
[garlaschelli@robertocremonesi.it](mailto:garlaschelli@robertocremonesi.it)

**Advertisement Director**  
Luciano Dorini  
[dorini@4puntozero.it](mailto:dorini@4puntozero.it)

**Accounting and Administration**  
Lara Papetti  
[lara@4puntozero.it](mailto:lara@4puntozero.it)

**Secretariat**  
Jacqueline Davis  
[info@4puntozero.it](mailto:info@4puntozero.it)



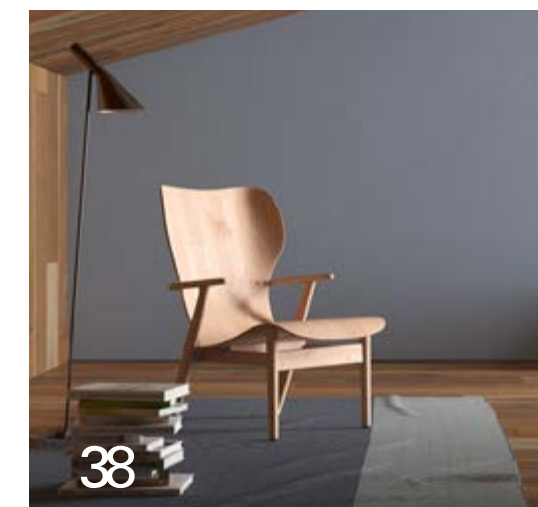
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La bellezza dei nostri pavimenti in legno è speciale perchè 100% naturale.  
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[www.fiemme3000.it](http://www.fiemme3000.it)

  
**FIEMME**  
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pavimenti in legno biocompatibili



## ECO ADHESIVES FOR QUALITY LIVING

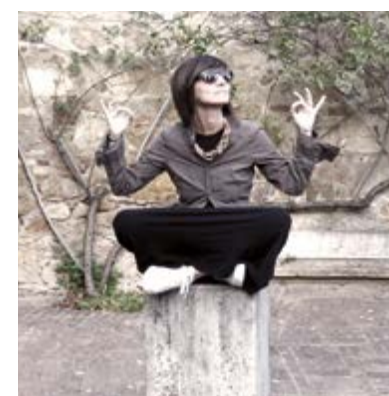


Mapei presents its new one-component, silylated polymer-based adhesives, for perfect installation that guarantees a strong grip, quality and respect for the environment with every type of wooden flooring. **Ultrabond Eco S958 1K**, that complies with ISO 17178 standards in the hard-elastic category - **Ultrabond Eco S Plus** with no methanol emissions - **Ultrabond Eco S Lite** lightweight adhesive with an extremely high yield. **Make the difference with Mapei, your partner in construction.**

EVERYTHING'S OK WITH MAPEI



## THE FUTURE WILL BE GREEN (OR THERE WILL BE NO FUTURE)



You never stop learning. After the usual end-of-year editorial meeting and after having decided to make 'green' our theme (both in the magazine and in our editorial approach), I felt like my conscience was easy.

But no. I realised it in December. In spite of having two magazines to finalize, I decided to leave for Val di Fassa to take part in a conference organized by Rasom (a company from the area specialized in building highly sustainable houses in wood) entitled "Climate change architecture and engineering using timber."

"But what are you looking for", exclaimed my husband the evening before I left. "You say you are

behind at work and you're going to spend 4 hours travelling to an event where they're not even going to talk about parquet?" Yes, it's in my nature to be curious, but this time it was worth it: I've always been crazy about timber and now with the climate emergency.....

I don't think it's possible not to deal with a subject which is so close to us, even with Greta and Climate Parties. Norbert Lantschner, renowned environmental expert, creator of the CasaClima project and founder of the ClimAbita foundation, opened the conference. One presentation was like a slap in the face. It made me feel ridiculous about my efforts to use glass bottles or flasks. The opening words were more or less, "The future will be green or there will be no future. Nature pays no attention to announcements, electoral promises and strategies. Nature drives no bargains. The only thing we do not have any more is the time to react. The point of no return draws nearer and nearer. If we do not do something now in 50 years there will be a global rise in temperature which human life cannot tolerate. Denying this means

denying the laws of physics". I came away stunned, short of breath and with my heart beating fast, but at least more aware, amidst the general unawareness of the problem, of the need to think in a new way, of the unavoidable commitment to finding ways to resolve the problem of CO2 emissions immediately and completely.

It is too easy just to say that building is the sector which uses most energy in Italy (it is responsible for a third of the carbon dioxide produced in our country) and that the extensive use of raw materials like timber for building could make a substantial contribution to the percentage of global emissions of CO<sub>2</sub>. Maybe it seems too trite to say that the sum of lots of small actions which individually change 0.00000001% of the total of our impact (growing vegetables? Using less plastic? Cycling instead of going by car? Building with timber?) could amount to whole numbers or hundreds or even millions. Maybe, but I'm saying it anyway.



# Wood you like ?

For lovers of elegant, classic and refined environments, Original Parquet has created the "European Walnut" collection.

For the realization of its floors Original Parquet uses the precious wood of European walnut, recognized as one of the best ever for quality, strength and ease of processing. A strong grain, chromaticity and color differences make the European walnut a wood able to surprise and fascinate beyond the confines of time. Thanks to its elegance and the particular pattern of the veins, highlighted by the natural finishes studied by Original Parquet, the European Walnut floors become a real furnishing element able to enhance any environment.

collezione  
*Noce europea*

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### Architect@Work Canada 2020

Energycare Centre - Toronto

• 24 - 25 June 2020

[www.architectatwork.ca](http://www.architectatwork.ca)

### INNOVATION FOR THE WORLD OF DESIGN AND ARCHITECTURE

Now in its fourth edition, Architect@Work Canada returns to Toronto with a stronger-than-ever lineup of international speakers, accredited seminars, installations and manufacturers showcasing the very best innovations in building materials and products. What makes

Architect@Work such a unique opportunity is its focus on innovation. Each booth showcases the latest in exterior and interior cladding, built-in lighting, renewable energy systems, coverings and more. Pre-vetted by a panel of local A+D professionals, the products showcased have been on the market for less than two years, making this an ideal opportunity to learn and explore. The event's inviting atmosphere, with breakout areas for gathering, is tailored-made for networking among peers and potential clients. Over 2.200 visitors will have a chance to explore an estimated 300 innovations, with manufacturers on-hand to discuss the finer details of what makes every product unique.



### MosBuild 2020

Crocus Expo - Moscow

• The fair will be postponed to a later date

[www.mosbuild.com](http://www.mosbuild.com)

### RUSSIA'S BIGGER BUILDING AND INTERIORS TRADE SHOW

MosBuild is the largest building and interiors trade show in Russia. With a packed programme of events and content, the event brings the Russian building and interiors sector

together. Over 1.200 exhibitors and 70.000 visitors, inspiring speakers, fascinating sessions, the latest innovations: there is it all. In 2019, it attracted 77, 338 visitors looking to source new products and do business with manufacturers and suppliers. MosBuild will be place in a brand new venue - Crocus Expo in Moscow, which is the largest, most modern trade fair venue in Russia and Eastern Europe.



*the new website thinks of you*

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NEW ORLEANS | USA  
20-23/04 | STAND 2610





### Covering 2020 Ernest N. Morial Convention Center

New Orleans, Louisiana USA

- The fair will be postponed to 2021  
[www.coverings.com](http://www.coverings.com)

### AN INTERNATIONAL REFERENCE FOR THE TILE & STONE INDUSTRY

For thirty years, Coverings has been the preeminent event for the ceramic tile & natural stone industry in North America. Visitors from every facet of the tile & stone industry find that Coverings is the one event that drives their success, year after year. All in one

venue, it's possible to see thousands of dazzling products, connect with suppliers from around the globe and discover ground-breaking techniques, tips and tricks. Only at Coverings visitors can experience the latest tile & stone trends, mingle with industry peers, and gain the knowledge and connections that will help advance your position and business. Coverings attracts more than 26.000 professionals every year to the global tile & stone experience. Primary business segments include: architects & designers, builders & remodelers, contractors & installers, distributors, fabricators, retailers.



### Xylexpo 2020

Fieramilano - Rho (Milan)

- The fair will be postponed to a later date  
[www.xylexpo.com](http://www.xylexpo.com)

### WHAT'S NEW ABOUT WOODWORKING?

Xylexpo offers a complete and comprehensive panorama of all proposals for each phase of the wood processing and of its derivatives. A highly innovative lay-out which allows to integrate technology and product, depending on the type of processing and meet the needs of the exhibitor and the visitor. The exhibition center in Rho allows Xylexpo to offer a functional exhibition grid, thanks to the subdivision by sector designed to create real "thematic itineraries". The biennial international exhibition has decided to squeeze its calendar from five days to four days. From the next edition

Xylexpo will last shorter. So, four days, the same duration as all the most important exhibitions around the world, meeting the requirements not only of exhibitors, but also of visitors looking for opportunities that respond to ever faster, more effective, "smart" business approaches... At Xylexpo will exhibit directly the most representative companies from all countries, leading manufacturers of woodworking technologies. Xylexpo is highly international: during the last edition almost half of the visitors were foreigners and this data confirm once again the centrality and the appeal of Milan.



MAKE THE BEST CHOICE  
TO BUILD THE FUTURE.

**FRIULPARCHET**  
PASSIONE ITALIANA PER IL LEGNO

Wood floors since 1927

It's been 15 years since we have started an awareness campaign focused on reforestation, from that moment our attention has been turned to eco-environmental problems and to the future of the green sources of our planet. Idea is very simple: replant the same quantity of trees needed to produce our wood floors.





**CERSAIE**  
Bologna - Italy

### Cersaie 2020

Fiera di Bologna - Bologna  
• 28 september - 2 october  
[www.cersaie.it](http://www.cersaie.it)

### CERAMIC & CO.

Cersaie is the foremost international event for designers of ceramic and other surface coverings and bathroom furnishings. The show's importance is demonstrated by the presence of more than 112.000 attendees, half of whom are international buyers from all over the world. At Cersaie visitors will find ceramic surfaces, wood floors, wallpaper, surface coverings made of other materials and bathroom furnishings. They will also have a chance to discover

design ideas, architecture conferences, training events and meetings with producer companies. There are 18 exhibition halls showcasing the very best products from the world's top companies. Cersaie is in fact the widest selection of ceramic surfaces, wood floors, wallpaper, bathroom furnishings, fireplaces, saunas, designer taps, bathtubs and sanitary fixtures are on display. Everything a professional needs for his interior design projects.



### DesignBuild 2020

Melbourne Convention & Exhibition Centre - Melbourne  
• 27 - 29 october  
[designbuildexpo.com.au](http://designbuildexpo.com.au)

### FULL IMMERSION

DesignBuild is an international trade exhibition for construction technology, building materials and tools. It covers the entire spectrum of construction industry. This exhibition

is communication and information platform in the industry and offers exhibitors the opportunity to present to an audience of experts here. Visitors can find information here thoroughly and comprehensively about the latest developments, trends, products and services in various fields. The DesignBuild 2020 will take place on three days from the 27 to the 29 october 2020 in Melbourne.

[www.progressprofiles.com](http://www.progressprofiles.com)

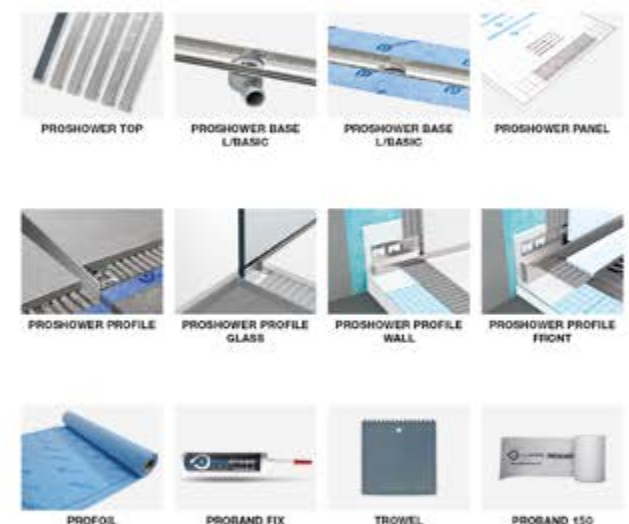
## The innovative system for the shower.



## PROSHOWER SYSTEM

**PROSHOWER SYSTEM** is an innovative solution, which combines flexibility, functionality and design to answer to all requirements of the floor-level shower. Heart of the system is the PROSHOWER drain, that in only 85 mm at floor-level has multiple advantages.

**Flow:** it is one of the few drains on the market with a 360° rotating siphon with patented watertightness junction which guarantees a 30 lt/min flow. **Hygiene:** the system has an inside slope for the outflow of the water towards the drain to avoid unpleasant smells; the siphon is easy to open and clean. **Durability:** it is the only drain treated with electro-polishing and passivation that guarantee an exceptional resistance in all environments (over 2000 hours test in saline mist). **Modularity:** it is the only modular drain; the drains can be assembled in sequence till the desired length. The use of the drain together with the profiles of the Proshower Profile range, the waterproofing Profoil System and the shower tray Proshower Panel guarantees the realization of a workmanlike floor-level shower.



Progress Profiles SpA  
Certificated company UNI EN ISO 9001:2015







**THE EUROPEAN PARQUET MARKET REMAINS STABLE IN 2019**

The European Federation of the Parquet Industry estimates that the overall consumption figures on the European parquet market for the year 2019 are flat. Based on information obtained from its member companies and national associations, this evaluation should be seen as a preliminary forecast and is the result of best estimates discussed with member country representatives at the recent FEP Board meeting held at the Domotex fair in Hannover. FEP underlines that this is a first prognosis subject to variations, in anticipation of the complete data to be communicated at FEP's annual General Assembly on 11 and 12 June in Hamburg, Germany. After a year 2018 characterised by a moderate drop, the consumption figures of parquet in Europe slightly recovered in 2019. A flat evolution is forecasted for the whole year. As usual, the results show variations from country to

country. The stabilisation of the market is mainly reflecting the moderate upturn of parquet consumption in Germany, the biggest European parquet market. Additionally, the consumption improved in Austria, France, Poland and Spain. However, these positive developments are to be balanced with the decreases observed on the Italian, Swedish, and Swiss markets as well as in part of the Nordic Cluster (Denmark, Finland and Norway). Regarding competition, and besides the increasing presence of products with a wood-look, especially Luxury Vinyl Tiles (LVT), the captains of the industry stress the uncertainties created by the so-called "trade war" between the US and China on the global and European markets. In contrast, FEP sees the European Green Deal - published on 11 December 2019 by the new European Commission and adopted by the European Parliament on 15 January 2020 – as an opportunity for the Parquet Industry which welcomes the strong focus on construction and renovation.

**CORONAVIRUS COULD HAVE MAJOR IMPACTS ON WOOD INDUSTRY**

The outbreak of the coronavirus could have ripple effects throughout the global wood industry, according to a report by Fordaq. Should the virus spread to coastal towns and cities in China, the country's ports could become "restricted with little warning," the report states. Many warehouses and timber processing factories in China have shut down as employees are told to stay home in an effort to contain the virus. New Zealand Forest Owners Association President Peter Weir told Fordaq it's possible the disruption in the industry will be brief and production will return to normal soon. However, right now, there's uncertainty.



**KÄHR'S INTRODUCES THE ULTIMATE GUIDE TO RETAIL FLOORING**

Kährs, a leading Swedish manufacturer and distributor of flooring, has bundled its retail flooring concept into an ultimate guide. Kährs retail concept offers a broad range of high-quality flooring products and services, enabling clients to find

suitable solutions for every shopfitting project - from small luxury boutiques to shopping malls. The product range comprises hundreds of options including naturally beautiful wood floors, premium Luxury Vinyl Tiles, Quartz flooring and products made of innovative, PVC-free Enomer®. The newly launched guide to retail flooring comprises Kährs product offering, while at the same time serving as a supporting tool for how to make the floor benefit the in-store sales process. It's well known that there are several ways the overall retail experience, including the design of a retail unit, can influence customer behaviour. But in order for offline marketing to be successful, the retail space must be interesting enough to drag customers away from their phones and back into the store.

**DOMOTEX ASIA/CHINAFLOOR RESCHEDULES SHANGHAI SHOW FOR AUGUST**

The organizers of DOMOTEX asia/ CHINAFLOOR confirm that the leading flooring show in Asia Pacific will take place from Aug. 31 to Sept. 2, 2020 with a total of 185,000 sqm gross space. With the new date, the exhibition gets also a new location: the National Exhibition and Convention Center (NECC), the largest exhibition center in Shanghai. The postponement of the original date (March 24-26) was necessary to protect the health and safety of exhibitors and visitors from the recent outbreak of the coronavirus in China. International visitors welcome the new dates since conveniently after the summer holidays and perfect restart of the second half of the year. Moreover, organizers research has shown that September is the month with most international visits to Chinese



suppliers. The show's organizers are in very close contact with exhibitors and participants of the upcoming edition already and will also be updating potential exhibitors and visitors as the planning of the exhibition proceeds. As always, Shanghai will continue to host the exhibition, but the postponement of the event has necessitated a move to the National Exhibition and Convention Center (NECC). The NECC is the largest exhibition complex in Shanghai, located in the immediate vicinity of Shanghai-Hongqiao International Airport and the Hongqiao transportation hub, with excellent connections to metro, high-speed trains, and buses, guaranteeing very good accessibility for visitors.



# THE NEW IMPERTEK'S WEBSITE

A concrete help in saving time and directing the different professionals to the contents of greater interest



The attention to the special needs of the customer has always been one of the elements that distinguishes Imperpek srl from other companies in the construction sector or raised floors. For this reason, the company has chosen to renew its own website by focusing on the solutions to the issues of users of the Pedestal Line or building products, by organizing them in clear and comprehensive data sheets.

## A CONCRETE HELP

Through a web surfing which differentiate the technical support between the different professionals which can come into play (the designer, the installer, the retailer

and the private), Imperpek gives a concrete help in saving time and directing them to the contents of greater interest. But the assistance doesn't stop there. As a matter of fact, two essential tools for designing the laying of Pedestal Line products were developed: MegaPro and the Project Guide. MegaPro is a very useful and easy to use web app which allows to automatically calculate the number and the type of pedestals on your own layout, generating also an itemized list usable for ordering the material. If instead you don't have the specific layout of the construction site, but just the technical characteristics, comes into play Project Guide. Here, a series of questions will guide the

users to provide all the useful data to Imperpek's technical assistance which will offer in return useful suggestions about the materials needed for carrying out the work without glitches. Completely new is also the videos' webpage, with tutorial relating to assembly and use of Pedestal Line products and concrete examples about the laying of raised floorings. The space dedicated to the realizations has been expanded too, contributing to assert the great successes obtained in these years and allowing the users to borrow new ideas and projects.

It is possible to visit the completely renew website at the address:

[www.imperpek.it](http://www.imperpek.it)

## FIRST RENOVATION LACQUER

No sanding and multi-surfaces



## Long lasting renovation without sanding down or replacing the floor

- Multi-surfaces: all wood floor finishes, laminated floors and PVC, vinyl, LVT floors
- Conceals scratches\*, revives tarnished floors
- Single coat system
- Perfect adhesion, excellent grip, without primer
- High chemical and scratch-resistance
- 2-component with hardener

\*Surface wear & tear: regular use and small scratches



More information at  
[www.carver.it](http://www.carver.it)

**CARVER**  
by **Blanchon**  
GROUP



# CONNECTIONS, ENVIRONMENTS AND WOOD FOR SMART WORKING IN MILAN

Socialising,  
sharing, trust...  
and a hint of  
tropical nature:  
the leitmotiv of  
a very special  
design and  
architecture  
project

TITO FRANCESCHINI







Copernico is the name of the network of workplaces, flexible offices and services which promote smart working and professional and business growth. It has opened in Milan at a few steps from the Central Station in an area of the city which is undergoing rapid transformation. The original building (public offices of the Finance Ministry) has undergone a complete makeover. The strictly limited original spaces have become open, luminous areas which encourage sharing through a design project in line with the international trend towards re-evaluation of urban areas and architecture. The project is based on the concepts of sharing, trust and connection, values which are best expressed by the transparent glass bridge which connects the reception area to the cafeteria lounge. The spaces have been developed along the guidelines for activity based work. Public areas, like the Smart Working Café Me.Nu and the break areas, have been designed to

encourage casual meetings. Other spaces like the lounge, Oxygen Room and meeting rooms have been dedicated to activities which require concentration and privacy. One characteristic common to all areas, is the natural light. It illuminates every space because of the large windows down the whole length of the building.

#### **NATURE IN THE CENTRE**

The interior design of Copernico Zuretti is based on nature and green themes: plants, walls made of greenery, floral carpeting and wood are the distinctive elements of a tropical atmosphere of warm, welcoming colours, which make the areas cosy and human-centered. Another distinguishing feature of Copernico Zuretti is the attention paid to acoustics. All areas are sound-proofed thanks to a system of panels, which runs along the central part where the entrance and reception are, creating an original wave of movement.



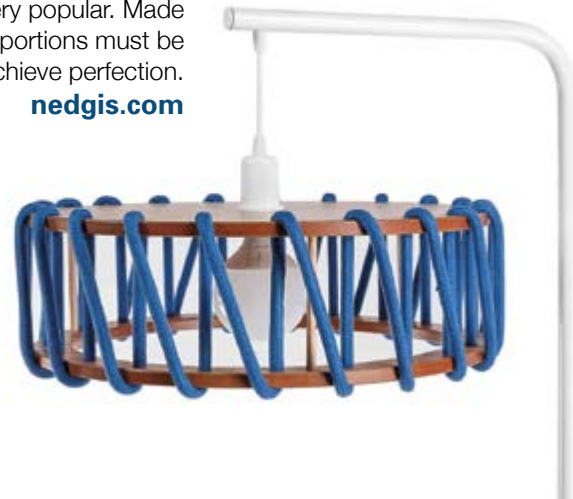
OH MY

# WOOD!

## Macaron

Macaron takes its name and form from the famous fine pastry that has become very popular. Made with simple ingredients, the proportions must be well balanced if we want to achieve perfection.

[nedgis.com](http://nedgis.com)



## Nora

The structure of this armchair, made of solid wood, becomes an identity sign of its design. In fact, the rear legs extend to define the lower profile of the armrest, with a dual ornamental and functional value.

[bross-italy.com](http://bross-italy.com)

## Mylon

The mylon bed is made without any metal and its wooden surfaces have been treated solely with pure natural oils. The upholstered covers are removable and are easy to clean. This contributes to mylon's role in creating a healthy space and environment for sleeping.

[team7.it](http://team7.it)



PANTONE  
19-4052 TCX  
Classic Blue



## The dots

Bringing a friendly expression to the traditional coat hook, the Dots Wood is a functionally sculptural design to be arranged on the wall in any pattern and color combination desired. Use it in hallways, bedrooms, kitchens as well as hospitality and workplace areas.

[muuto.com](http://muuto.com)

## Essential and versatile

The versatility of the 36e8 module let you create chests of drawers and bedside tables with clean volumes and completely customised dimensions, in the colours you choose and with the finishes you want, for absolute functionality in the bedroom.

[lago.it](http://lago.it)



## Equa Zero

It is called Zero System, the line of flush doors, designed to meet the evolution of aesthetic and architectural needs and able to satisfy different areas of taste and multifaceted lifestyles of modern living.

[ferrerolegno.com](http://ferrerolegno.com)



# ALL THE MAGIC OF A HOUSE IN THE COUNTRY



## FRANCESCA FERRARI

The spaciousness of a country house in the province of Cremona, in the heart of the Po valley, has been adapted to a contemporary style without losing any of the welcoming, family atmosphere of a typical country house. In the living area, the modern décor is perfectly in harmony with the pre-existing elements like

the regal stone fireplace, the imposing door and window frames and the cement coloured plastering. The toning colours chosen for the floor are witness to careful research into colour and style. The intelligent contrast with the walls creates depth and continuity among the different rooms.

The minimalist, refined style of the décor gives the home an atmosphere of peace and quiet which is further reinforced by the use of green. In perfect harmony with the warmth of the parquet, this colour produces the sensation of living surrounded by nature.

## WOODCO PARQUET

**Parquet:** Colonial Oak,  
Woodco Signature collection  
**Base:** Oak from Slavonia  
**Size:** 1600/2400x200 mm  
**Surface:** brushed and micro  
bevelled on the long sides  
**Finish:** opaque varnish  
[woodco.it](http://woodco.it)





**THE FLOOR** - The floor is Colonial Oak from the Woodco Signature collection. It is richly embellished with different shades, knots and grains. Its intense, vivacious colour is a true paean to nature. The strips have been made by highly experienced Italian craftsmen combining traditional techniques and tools with the latest

technology. Brushed and micro bevelled on the long sides, the pieces have been coloured with natural pigments using the hand ragging technique and finished with a highly resistant, completely non-toxic opaque varnish, which has no solvents and conforms to the most rigorous European norms.

Wood. Dance to a different tune.



In defence of the original.

Wood used in building comes from forests with controlled timber felling. It is a completely renewable material which requires very low levels of energy in the production processes. A wood floor helps to maintain an ideal micro-climate inside the house, softens the falls of those just learning to walk and can be restored an infinite number of times.

Choose a wood floor.  
Sounds like music to your ears?





# FINDING OUT ABOUT WOOD: EUSIDEROXYLON ZWAGERI



**“Ironwood” says it all. It is a highly resistant, hard-wearing species, mainly for outdoors and therefore particularly suitable for external wood floors**

**GIANNI CANTARUTTI**

Ulin, Kayu besi, Billian, Ironwood are some of the names by which this species of “iron wood” is known. It is a highly resistant, hard-wearing timber, mainly for outdoor use and therefore particularly suitable for outdoor parquet. Eusideroxylon zwageri has been used by the people in the areas where

it grows (Indonesian Borneo and Malaysia and the Indonesian islands of Sulawesi and Sumatra) for many different purposes because of the physical-mechanical qualities of its timber. The Dayaks, the indigenous population of Indonesian Borneo (Kalimantan) use it to build homes, boats, bridges, lampposts, railway sleepers, kerbstones and objects for the house. The same people use parts of the tree as an aphrodisiac and according to their legends, having the tree nearby keeps evil spirits away.

**CHARACTERISTICS**

Eusideroxylon zwageri is a tree which grows slowly and can reach a height of 50 metres with a diameter measured at chest height of over 2 metres. Its fruit is poisonous to man, but has medicinal properties. The grey-coloured bark of the tree comes with many buttresses at the foot of the trunk, which are also known as ‘elephant feet’, and its wood gives off a pleasant lemon aroma. Its timber cross section is light brown in colour, sometimes even bright yellow. After exposure to light and aging, the wood becomes dark red and finally sometimes nearly the colour of black ebony. The wood is fine textured, sometimes with a cross grain (rough to the touch) and is generally smooth with no visible growth rings. Shrinkage is small (radial between 2 and 4.5% and tangential between 4.5 and 7.5%). Density is about 1,100 kg/mc. It

seasons slowly and drying must be carried out carefully. Its timber is immune to termite attack. It has a service life of at least 100 years and in direct soil contact or for marine use in tropical waters it can last over 20 years. In spite of its hardness it can be worked well with the right cutters to give a smooth surface.

**“RECYCLED” PARQUET**

Nowadays, this is a protected species because of the widespread and often indiscriminate felling carried out for many years, which compromised its availability. The good news is that young trees are growing and that there are many local companies which collect and use a lot of old wood ‘dismantled’ after years of use (for substitution with other more easily available timber) without compromising the environment with indiscriminate felling. So there are “aged”, “recycled” timbers for sale to those who transform them into new products. For example, lamellae for use in layered parquet: a cladding for high quality fixtures with optimal technical characteristics and a special aged appearance. In Italy this species in the form of semi-finished products, parquet lamellae and solid wood recycled Asiatic products is already imported and distributed with FSC certification. An example of a floor laid with antique recycled Ulin can be seen in my xyloteca lignamundi (timber laboratory) at San Giovanni al Natisone (Udine).



# PARQUET: A UNIQUE SUSTAINABLE AND ORIGINAL WOOD FLOORING SOLUTION...

**...Which supports the European Green Deal's objectives. Europe is increasingly recognising the positive role played by wood and wood products**

BY FEP



The European Green Deal has been published on 11 December 2019 by the new European Commission and adopted by the European Parliament mid-January 2020. Its aim is "to transform the EU into a fair and prosperous society, with a modern, resource efficient and competitive economy where they are no net emissions of

*greenhouse gases in 2050 and where economic growth is decoupled from resource use. It also aims to protect, conserve and enhance the EU's natural capital, and protect the health and well-being of citizens from environment-related risks and impacts. At the same time, this transition must be just and inclusive."*

The European Green Deal represents an opportunity for the parquet industry which is offering a circular sustainable product which stores carbon and substitutes energy-intensive and/or fossil-intensive alternatives. European parquet manufacturers are thus supporting the

European Union in meeting its Green Deal's objectives! While the recognition of the positive role played by wood and wood products is progressing at European level, the end-consumer is still to be fully convinced to opt for parquet as the sustainable and original wood flooring solution.

## END-CONSUMERS STILL NEED TO BE FULLY CONVINCED

At the occasion of its General Assembly & Parquet Congress held in Lisbon last June, FEP presented the results of its recent European Consumer Research led by the company InSites. Based

on the lessons learned from previous studies, the aim of the new research was to identify when and why parquet is falling out of the consumer's decision process. The final objective being to focus dedicated future communication efforts on the right stages, channels and contents to help driving the decision on parquet. It is also the opportunity to find better and more modern ways to use existing information – a.o. from the FEP Real Wood initiative - to reach the end-consumers but also architects, builders, designers, sellers, installers, influencers...

Knowing that *on-line* communication channels are gaining importance in terms of product perception, but that *off-line* communication channels are still crucial when the perception has to be converted in buying act, and observing that *environment* and wellness concepts are increasingly considered by the end-consumers, FEP has developed a Communication Tool-Kit for its members based on three positive key messages: *Environment*, *The Original* and *Lifestyle*. The Tool-Kit consists of

three factsheets, one for each positive key message selected, in the nine languages already used for the Real Wood website (Croat, Dutch, English, French, German, Hungarian, Italian, Polish, Spanish). It is completed with Users' Guidelines. FEP members are invited to use printed factsheets (or to project them) in their showrooms, the shops (POS) where their products are sold, the fairs and trade shows they are taking part to. They are also invited to download the factsheets on their website and to diffuse them through their Social Media. When using some Social Media such as Twitter or LinkedIn, having shorter messages/posts is useful, FEP is providing its members with relevant posts in nine languages as well. Beyond the use of the factsheets, FEP members are encouraged to integrate the key common messages and arguments in their own communication, allowing the parquet industry to pull on the same string. Obviously, FEP is also diffusing these messages. In a subsequent stage, the Federation is envisaging to work further on related emotions.

## ABOUT FEP

The European Federation of the Parquet Industry (FEP) reunites European national parquet federations, parquet manufacturers and suppliers to the industry. It is the main body representing and defending the interests of the European parquet industries at all relevant

levels. The primary goal of FEP is to strengthen and improve the position of wood flooring against other floor covering products as well as to enhance the growth, prosperity and stature of the European parquet manufacturing industry – thereby protecting its interests and reinforcing its image. The

activities of FEP are situated in the areas of raw material supply, production, market and internal affairs. Typical examples of work items are:

- The collection of market data in FEP territory and beyond;
- The follow-up of relevant European legislation and standardisation;

- The publication of newsletters;
- The organisation of an annual European Parquet Congress;
- The initiation of market research related to parquet flooring;
- The promotion of personal contact and communication amongst its members.





# FORMALDEHYDE IN GERMANY: CHANGING

## METHOD CHANGES EVERYTHING!



Anyone who exports raw materials, semifinished or finished panel products has to follow new regulations, which are much 'stiffer' than the old ones, since the start of the new year

**FRANCO BULIAN**

A partire dal nuovo anno, le Since the beginning of the new year, the regulations published in 2018 in the official German gazette (BAnz AT 26.11.2018 B2) have taken effect and must therefore be known to and observed by all who work in the sector and sell in Germany. The change is quite important with respect to the emission of formaldehyde from panels and other products made with it. But, in reality the only real new change introduced by this German law is a new method of testing which is that described in the European norm EN16516.

### THE TEST METHOD CHANGES

Up to this year, measuring the emission of formaldehyde from panels or products made with

it was done by the method introduced in the 90s, the so-called chamber method (EN717-1). The basic concept in this method was to simulate the real conditions of a building and if the product passed the laboratory test it was considered suitable for general use (these panels were classified E1). However, according to German experts from BAM (the German federal institute for testing and research on materials) and UBA (the federal office for the environment), the conditions defined in norm EN 717-1 are no longer valid as buildings today are different from those of thirty years ago. According to research carried out by these two bodies, modern buildings are much more 'sealed' than those in the past because of the need and the legal necessity to save energy. There is also a tendency to reduce the volume in buildings with a resulting increase in the surfaces which could potentially emit formaldehyde, such as floors, furniture, walls and ceilings. The German choice to change the method of testing therefore comes from the greater ability of the new norm EN 16516 to simulate the conditions in a real-life environment.

### COMPARISON OF THE OLD TEST METHOD EN 717-1 AND THE NEW NORM EN 16516 METHOD NOW OBLIGATORY UNDER GERMAN LAW

In fact the German law changes

only this. The limit does not change from the one we have had for years for emissions in the E1 class (that is 0.1 ppm), but in practice the new analytical procedure makes the test much stricter than in the past. To summarise, from the 1st January 2020, panels for the German market must have formaldehyde emissions which correspond to half those for panels classified E1. Anyone who exports raw materials, semifinished or finished panel products to Germany must observe the new regulations and guarantee their customers they conform to the limits set for formaldehyde emissions.

### THE WORK OF CATAS

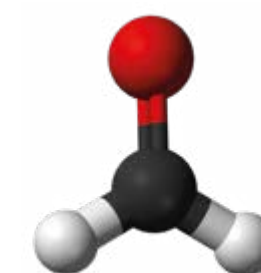
Catas has been working for some time to meet the needs of its collaborators and has noticeably increased the equipment available for analysing formaldehyde emissions (chambers), conforming with the new EN 16516 test method and offering specific certification for this new type of panel. All this information, including operational details, was given out at a workshop organised at the beginning of 2020 and a record is available to all Catas subscribed companies in the MyCatas section of the institute's website (catas.com). nell'area MyCatas del sito internet dell'istituto (catas.com).



### ABOUT CATAS

Since the foundation of Catas, more than 40 years ago, we have the safety and the quality of raw materials and finished products to our heart: every day in the operating centres of San Giovanni al Natisone (Udine) and Lissone (Monza) we carry out chemical analysis, physical and mechanical tests on raw materials, components and finished products of the wood, furniture and building industry. Thanks to our expertise and specialization we are considered the biggest European laboratory for testing and for applied research in the wood and furniture sector. Our main activity areas: Test laboratory, Certification body, Training.

	EN 717-1*	EN 16516*
TEMPERATURE	23°C	23°C
RELATIVE HUMIDITY	45 %	50 %
AIR EXCHANGE	One change an hour	0,5 change an hour
LOAD	1 m <sup>2</sup> /m <sup>3</sup>	1,8 m <sup>2</sup> /m <sup>3</sup>
<i>*panel surfaces/chamber volume</i>	<i>*Wood based panels. Formaldehyde emissions with chamber method</i>	<i>*Building products. Determination of emissions in indoor environments</i>





# Woods OF THE World



## Tavole del Piave

ITLAS.COM

Tavole del Piave is a large prefinished three-layer planking, designed for floors, dropped ceilings and claddings. The exposed layer is in noble wood, available in different essences and finishes.

This project originated from the cult for tradition, love for wood and predilection for artisan work: a prestigious planking with which Itlas has rediscovered the floors of

yore, reintroducing them with the same value and emotions. The exposed layer in noble wood, the balancing counter-face in fir hardwood and the birch plywood central core with at least five layers positioned orthogonally on the other layers grant extreme balance and stability.

*In photo: Tavole del Piave, Noce Daniela, finishing Materia A21.*





## Quadrone *by Michele De Lucchi*

LISTONEGIORDANO.COM

Large square modules offer an original contemporary interpretation of the historic European tradition of French decorative panel parquet flooring. The challenge is to give new life and interpretation to a classic product like the tile and the possibility of an intelligent and creative re-use of small formats. As always, the “natural genius” of the architect has been able to find a new and interesting interpretation, expanding and “reconstructing” the geometry and dimensions of the tile in ancient Teak to reach an

element of great dimension and impact like Quadrone. Made from wood elements of the finest antique teak, it is the result of a patient intervention of recovery and artisan restoration. A naturally variegated aspect of the chromatic tone, the presence of stuccoes and characteristic signs of the ancient material make each single tile different from the other and it is exactly their irregularity that characterizes this floor as a single work, industrially not replicable.



## The Natural Teak *by Woodco*

WOODCO.IT

Teak is a very resistant and waterproof wood, characteristics that make it perfect for laying even in the most delicate areas of the house, such as bathrooms and kitchens. The Natural Teak parquet of the Dream collection by Woodco combines the practicality and comfort of

this precious material with an elegant and refined design. Proposed in boards with a width of 160 mm and a length of up to 2200 mm, this wooden floor is finished with a lacquer that is completely non-toxic, solvent-free and compliant with the most stringent European standards.







MAFI.COM

## Mafi Vulcano

Intensive efforts in research and development are behind the product innovation mafi Vulcano. These floorings offer a warm brown colour. The thermal treatment of this wood takes place in separate thermal drying chambers and completely without chemical additives, but purely with heat, wind and water. Other advantages of the mafi Vulcano floors are the reduction of swelling and shrinking behaviour, as well as internal stresses, and consequently this increases the resistance to fungus and pests. Furthermore, this increases the dimensional stability. Thanks to these properties, mafi thermally treated timbers are particularly popular in wet areas. These thermally treated floorings represent a real alternative to tropical woods due to their texture and

dark colour – and that with purely native species. At an annual sustainable production volume of two football fields, the amount of tropical wood saved is about 10 football fields, as typically only a fraction of the rain forest is used and the rest of falls victim to destructive exploitation. The drying of mafi Vulcano products has since been perfected and through technical innovation has become one of the biggest energy savers in the entire production process. With the help of new technologies and innovations in the thermal chambers, water is removed from the wood much easier and quicker without causing any additional large stresses on the wood. Therefore, both electric energy, capacity and thermal energy can be saved.

## Ipe' Tajibo by Ravaoli Legnami

Ravaoli Legnami Ipè decking proposal for 2020 is focused on bolivian Ipè Tajibo. Since it belongs to the same botanical species of Brazilian Ipè it presents the same technical characteristics but it differs for the aesthetics. Its color is actually more homogeneous and uniform in a brown nuance, unlike Ipè of Brazilian origin, the peculiarity of which is a variation of color and tone ranging from olive green to dark brown.

RAVAOLI.LEGNAMI.COM







## Stilnovo Afrormosia

Afrormosia grows in western Africa, from Ivory Coast to Zaire, and is one of the exotic wood species protected by CITES (Convention on International Trade in Endangered Species). Can be distinguished by its hard wood, fine texture, uniform grain and regular fibre. Its yellowy sapwood is clearly distinguished from the heartwood, which tones variate from golden to olive brown.

A strong oxidations process tends to darken its tones to a darker shade of brown.

Afrormosia has excellent performances on

mechanical strength, stability and durability and therefore can be used on underfloor heating system and in high traffic areas, especially when combined with Bona Traffic UV finish.

Stile feature this wood in the Stilnovo collection, in sizes 10 x 90 mm and 15 x 180 mm and with 5 different types of finishes.



## Berti Essential Teak

Berti offers one of the most valuable tropical wooden species used for the production of wooden floors in its most prized variety coming from Asia. With good hardness, extraordinary resistance to humidity and temperature changes, Teak ensures

the places in which it is used a very long duration. Its straight fibers in brown color with green and yellow veins, which will change into a honeyed tone color over time, are rich in oily resin, which give brilliance to the floor a special brilliance.



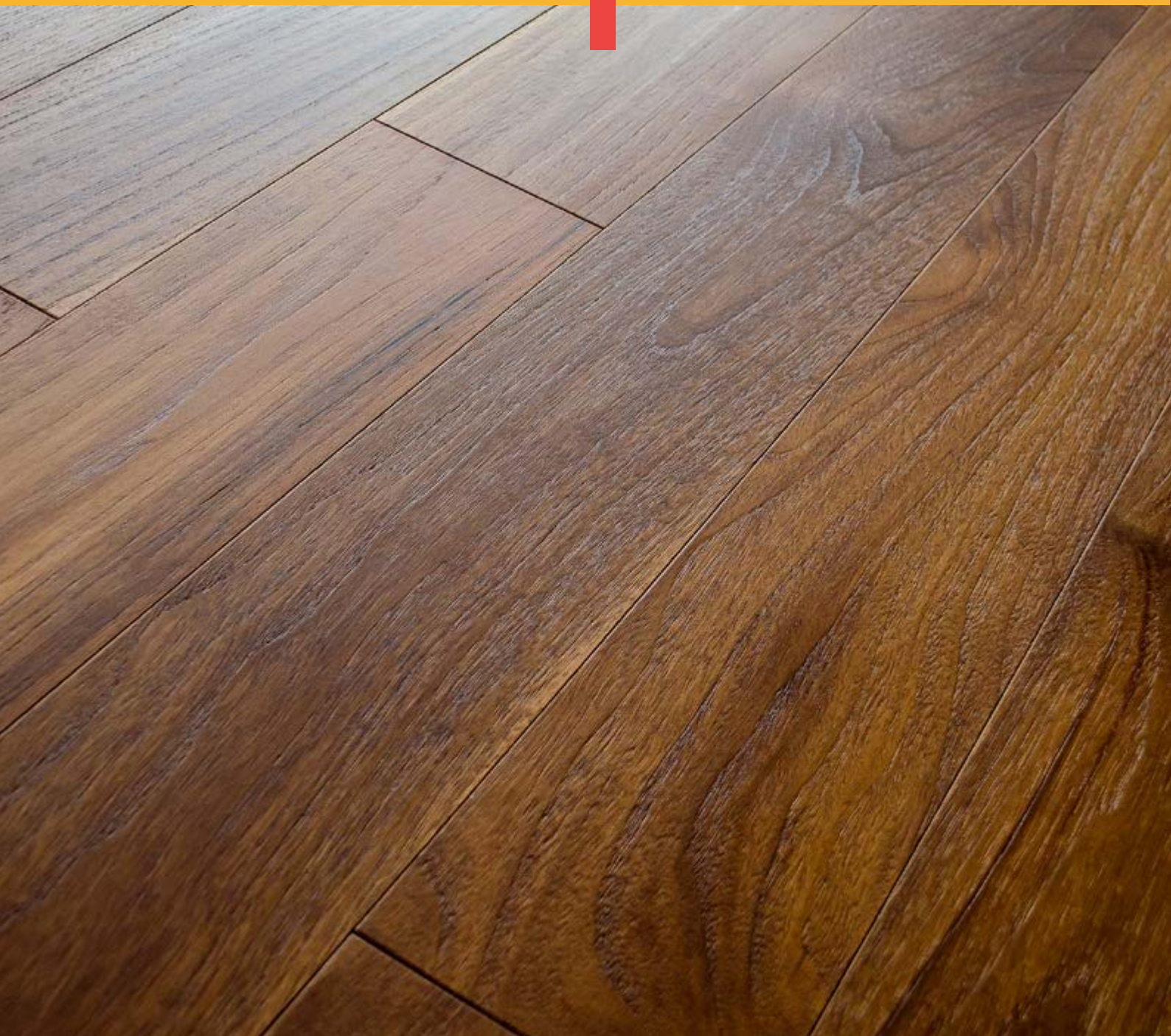




ALMAFLOOR.IT

## Glorio's Teak Alma

Honey-coloured, intense shades, highly waterproof - Teak is the ideal solution for those seeking a floor which can be laid in the most vulnerable places in the house like the kitchen and bathroom. Extremely hard-wearing, it can adapt to any environment, lighting up rooms and creating a warm and welcoming atmosphere. It unites functionality and beauty in perfect harmony. Glorio's Teak Alma comes in slats of 200 mm in width and up to 2400 mm in length.



FRIULPARCHET.IT

## Italian passion for wood

The types of timber used by Friulparchet for production of its parquet are selected from the best, both in terms of colour and of stability and durability. We have to take into consideration that the innate properties of exotic timber species include oxidation, or changes in colour due to exposure to light and air, making the initial variations in colour more uniform. Differences in grain and colour among the slats give the parquet a personalized note. A design which is pleasing and elegant and in keeping with modern tastes. Among these timbers, Teak is without doubt the master. It is always the best choice, even for outdoor use, thanks to its rotproof and highly durable qualities. Friulparchet also selects its timbers directly in the country of origin, guaranteeing the origin and legality of the felling in line with sustainability.

LISTONEGIANT.IT

## African Zebrano

GIANT®, the solid hardwood giant plank, is available in 26 different wood species coming from all over the world, carefully selected and processed with craftsmanship, as a result of a wealth of knowledge that has its roots in the territory in which it is born. Among the most precious and desired species of our product range, there are exotic woods such as Palissander Santos Morado, African Afrormosia, African Mutenye Ovangkol, African Zebrano, Original Burma Teak and Incense Cabreuva. In the photo: The varied color and the original texture of GIANT® African Zebrano brings into your home the atmosphere and the authentic feeling of the tropical forests from which it originates.





WAKOL



1

BONA



2

CHIMIVER



3

CARVER



4

**1 WAKOL MS 262**

Parquet Adhesive, firm-elastic, strength and precision. Plus:

- **Secure:** fast firm-elastic adhesive with a quick setting and a high initial grip
- **Fast:** fast and precise adhesive application
- **Trusted:** reliable Wakol MS technology optimised for sausages
- **Advanced:** allows for superior ergonomics when working with applicators
- **Universal:** wide range of application
- **Less waste:** when used in an applicator, the sausages make it easy to ensure that you squeeze almost every drop out. The closed system in the sausages protects the remaining adhesive from moisture in the air in the building when you are working; it means that the adhesive you apply will always be fresh.

[loba-wakol.it](http://loba-wakol.it)

**2 BONA R848T**

Bona R848T is an elastic, 1 component silane parquet adhesive. The adhesive hardens by a chemical reaction with moisture and it can be used for the installation of engineered parquet floors as well as for dimension stable solid elements like parquet strips or mosaic parquet. Available in 5,4 L sausage and 15 Kg bucket.

[bona.com](http://bona.com)

**3 ADESIVER HERCULES**

Adesiver Hercules is an odorless two-component adhesive for wooden floors with a very low sensitization level, free of solvents, water and isocyanic resins. Adesiver Hercules is epoxy resins based with a MW > 700. It has outstanding traction resistance, workability and coverage. Suitable for gluing wooden floor onto underfloor heating and cooling system. Suitable for laying pre-finished and pre-calibrated wooden floor as well as any other type of timber flooring including boards without having to prepare a bed of wood laths. Chimiver commitment towards the environment: Eco-friendly packaging! Chimiver packagings are composed of 60% of material from post-production waste and 40% of material from post-consumption waste.

[chimiver.com](http://chimiver.com)

**4 CARVER E 90**

Carver is specialized in products for wood floors and treatment of the parquet. With an R&D laboratory and a production unit in Italy, Carver promotes the "made in Italy" all around the world. Carver is a Blanchon Group brand. E90: Epoxy-polyurethane glue, solvent free. Designed for gluing wood flooring of all sizes on to cement slabs, including in-floor radiant heat systems, timber and chipboard, marble and ceramic floors suitably prepared.

[carver.it](http://carver.it)

MAPEI



5

VERMEISTER



6

AMONNCOLOR



7

TOVER



8

**5 ULTRABOND ECO S LITE**

For the installation of wood, Mapei is proposing Ultrabond® ECO S LITE, the innovative one-component, silylated polymer-based adhesive with Ultralite Technology: this means a bag of Ultrabond® ECO S LITE weighs less than the same volume of traditional adhesive. Thanks to its lower density it is easier to handle, transport costs are lower and it has a higher yield, which translates into lower consumption per square metre. This adhesive has very low emission of volatile organic compounds (VOC) and is certified Emicode EC 1PLUS. And last but not least, Ultrabond® ECO S LITE is also completely solvent-free.

[mapei.com](http://mapei.com)

**6 ZERO%**

In 2006, Vermeister was the first company to believe in, formulate and introduce onto the wood floor industry a two component Solvent-Free adhesive made with environmentally-friendly materials. Zero% is the result of the continual research and innovation performed by the Vermeister laboratories in order to reduce the environmental impact and today it is the most widely used solvent-free adhesive. ZERO% is outstanding for the perfect ridge height, for the fact that it is almost insensitive to changes in the temperature (seasonality), for being completely odour-free both before and after mixing, and offers excellent hold and wettability under any environmental condition. The excellent coverage and the high coefficient of elasticity after hardening complete the features of the ZERO% adhesive together with its unbeatable characteristics of adhesion and toughness. Being

certified Emicode EC1, ZERO% may apply for the awarding of the EQ credit for Indoor Environmental Quality – Low-Emitting Materials of the new international certification standard LEED v4.

[vermeister.com](http://vermeister.com)

**7 STUFEX PL 97**

Stufex PL 97 is a dual-component water-free highly-elastic polyurethane adhesive for bonding traditional and pre-finished parquets in all formats, PVC and rubber flooring to concrete under-surfaces. Ideal for under-surfaces with under-floor heating.

Technical features and strenghts

- Water-free therefore it does not cause materials to deform
- Specifically designed for heated flooring
- Hypoallergenic formula, free from amine and other allergenic ingredients
- For indoor and outdoor use
- Shear-resistant
- Fire-resistant
- Highly elastic

[amonncolor.com](http://amonncolor.com)

**8 TOVCOL MS AND TOVCOL MS START**

Tovcol MS and Tovcol MS Start are two of the major products by Tover directly related to eco-compatibility and bio-construction. Made only with Kaneka resins, they are solvent and isocyanate free and their formulation contains secure plasticizers.

They guarantee the best performance when laying both engineered and solid wood up to a width of 200 mm. Suitable also on heating subfloors, they do not require adhesion promoters even when applied on non-absorbent subfloors.

In addition, the adhesive spots are very easy to clean.

[tover.com](http://tover.com)



# Discover new Klindex Wood Line



Bella Sander



Timba



Hroma sander



Unika sander



maxi Orbit sander

