

I LOVE PARQUET

magazine

INTERNATIONAL

www.iloveparquet.com

IN PARTNERSHIP WITH
AIPPL

n. 12

December 2016

“We support wood,
the real wood.
Because it doesn't
play tricks.”
spread the word!





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OXIMORO COLLECTION

15 formats

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a style that for centuries goes through
fashions, matters and traditions.

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Hall 7 - Stand B33

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Hall A3 - Stand 441

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HALL 8, STAND C02



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MADE IN ITALY

SESTO SENSO design by diego perusko
LE QUADRE 1.0 (15 x 680 x 680 mm)
European Oak Natur, Insert: European Walnut
Brushed Oiled Bianco 099.

**I LOVE
PARQUET**



Cover: www.ideal-legno.com



Editore

4PUNTOZERO Srl

Via Ressi, 28 - Milano

Tel. +39 02 39265461 - Fax +39 02 45497579

info@4puntozero.it

Editor in chief

Federica Fiorellini

fiorellini@4puntozero.it

Editorial staff

Giuseppe Anzaldi, Anna Baroni,
Andrea Brega, Franco Bulian,
Tito Franceschini, Michele Murgolo,
Ada Negri, Dalvano Salvador, Stiven Tamai,
Davide Vernich

Art Direction

Roberto Cremonesi.Co Srl

info@robertocremonesi.it

Layout

Giuliana Garlaschelli

garlaschelli@robertocremonesi.it

Advertisement Director

Stefano Carlin

carlin@4puntozero.it

Advertisement Sales

Luciano Dorini

dorini@4puntozero.it

International Sales Manager

Giorgio Pierguidi

pierguidi@4puntozero.it

Accounting and Administration

Lara Papetti

amministrazione@4puntozero.it

Secretariat

Elisabetta Andreini

info@4puntozero.it

Advertising

traffico@4puntozero.it

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WOODEN FLOORS

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Wood doesn't play tricks

FEDERICA FIORELLINI

Maybe I'm not objective, but fundamentally it's a choice I've made. So, even though I respect others' opinions, I'm proud to state my point of view. The point of view of I Love Parquet, its readers and its partners.

We support wood. The real thing. It's a material we love. We love feeling its warmth, we love its little imperfections, which when you think about it are not imperfections but a guarantee of uniqueness and beauty, the beauty of nature.

We love wood because we think that being surrounded by beauty and harmony makes life better. This harmony unites esthetics and ethics and starts long before timber is transformed into parquet. It is part of the

respect for nature which is expressed, for example, by responsible forest management. Things which are done well are also beautiful. And true.

We love real wood because it doesn't play tricks. Who wants to spend their holidays in the city sitting in front of a wall painted with a sea scene? Even if it's a very realistic painting. The problem is that if we start to discuss the quality of the painting, how the artist managed to catch the light on the waves breaking on the shore, how clever he was to faithfully reproduce every little insignificant detail, we lose sight of the most important point: it is not the real sea.

And you are sitting in front of a wall.



RUSTIC CHIC!
This beautiful wood plank, thanks to its veins,
typical knots, deep brushing and hand-planing,
transmit all features and power of wood.
www.friulparchet.it

photo of
the month

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Ecobuild 2017
ExCeL Exhibition Centre
London
7 – 9 march 2017
www.ecobuild.co.uk



Build better

Ecobuild is the UK's largest and number one event for specifiers across the built environment. No other UK event attracts 33,319 high calibre, senior level decision makers and influencers from architects and developers to local government and major infrastructure clients.

This year the event theme is Regeneration. Ecobuild 2017 will be regenerated into an

immersive city - complete with main street, distinct destinations and special feature attractions.

Central to the experience will be Regeneration Drive, a boulevard running through the middle of Ecobuild, linking different aspects of the exhibition and enabling visitors to experience the very best examples of innovation and creativity from across the built environment.



MADE expo 2017
Fiera Milano – Rho (MI)
8 – 11 march 2017
www.madeexpo.it

One big site for the living comfort

To support growth on the construction market, MADE

expo 2017 is focusing on materials, products and systems that help produce safe, high-performance and comfortable buildings.

The Fair organizers are in talks with companies capable of presenting leading-edge materials and top-performing systems on the market. With a little less than five months to go until the show opens its doors, 520 exhibitors have already booked up 60% of the exhibition area.

{ Antracite
MIND COLLECTION



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www.ideal-legno.com



Construmat 2017
Fira Gran Via – Barcellona
23 – 26 may 2017
www.construmat.com

Inside the construction industry

Construmat is the only industry event that includes

every single construction sector, an international benchmark of innovation and a forum for knowledge and business.

The bi-annual meeting brings together influencers, manufacturers, international buyers and the key players in the construction industry.

With some specific forum, the visitors will be able to debate about the responsibilities of the sector and its future opportunities



Design in Milan

The 55th edition of the acknowledged international benchmark event for the furnishing and design sectors has closed to great acclaim. A showcase that has always mixed business with culture, shaping the history of design and furnishing yesterday,

today and tomorrow. A global platform for truly top-notch products and services with the emphasis on innovation. The Salone del Mobile.Milan is going to be sold out again in this 2017, confirming its position as a must appointment for design.

Salone del Mobile. Milano 2017
Fiera Milano
Rho (MI)
4 - 9 april 2017
www.salonemilano.it

Lignum VENETIA
PAVIMENTI DA COLLEZIONE

Lignum Venetia, italian manufacturer of exclusive, natural oiled wooden floors, is looking for agents and distributors on the European territory (UE). Send your candidacy at: info@lignumvenetia.com

Contacts:
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Must – Rovere Daring

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woodco.it
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EPF 2017
Fachmesse –Feuchtwangen
(München)
29 june – 1 july 2017
www.epf-messe.de

Time to back in Feuchtwangen

It will be held in Feuchtwangen, in Germany, from Thursday, June 29 to Saturday, July 1, 2017, the eleventh edition of EPF (EstrichParkettFliese Trade Fair for Floor Construction), triennial fair of screeds and wooden floors, ceramic, stone and laminates. With an exhibition area

totaling 16,200 square meters (4,664 square meters of outdoor area dedicated to practical demonstrations), the event attracts every three years a large audience of building industry professionals, especially for the opportunity to meet and talk with skilled craftsmen of different secotrs, from the substrate to the floor.



The Big 5 Dubai
World Trade Centre
Dubai
26 – 29 november 2017
www.thebig5.ae

A big opportunity

The Big 5 is the largest construction and building industry showcase in the Middle East. Also this year's Big 5 edition has several key features including dedicated areas

for every single application and live product and tool demonstrations. The event represents a real opportunity to discuss current and future trends of the construction sector in Dubai.

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(You've got) Personality

Wall-mounted coat rack consisting on three overlapping and adjustable walnut hooks. Very original.

www.arper.com



Rational

McQueen 8-Drawer Chest is strong, elegant and down-to-earth, made from honest materials including solid hardwood and cast iron. Its eight drawers provide maximum storage space, and feature detailing including dovetail joinery, cast iron handles, and a soft-close mechanism. Designed by Matthew Hilton for his eponymous brand, and manufactured by De La Espada craftsmen.

www.delaespada.com

OH MY WOOD!

Wood in all its forms:
energy, character, charm

Scriba

A desk with very clean lines and a decoratively perforated top support element that conveys a sense of lightness. Designed by Patricia Urquiola.

www.molteni.it



Tivoli docet

With a tuner that brings clarity to many of the weakest stations, the Model One radio features a handmade wood cabinet that is both beautiful and the ideal acoustically inert housing.

www.tivoliaudio.com

Unusual pillow

An original Pillow with a unique wood print. It's made out of high quality satin. Very soft and comfy. It' has also a black zip. Take it to your bedroom right now!

www.tearsandfearsclth.com



Elephant mood

The solid beech base of this rocking chair makes a gentle rocking movement possible allowing that gentle sensation from times gone by. In addition the body hugging design is constructed in a natural way to ensure a feeling of comfort.

www.kristalia.it

Wood is in the air

An oak parallelepiped set up in the bedroom that seems almost like the trunk of a 200-year-old tree, acting at the headboard of a bed suspended on extra-clear glass supports. Air Wildwood is a bed where transparency and the pristine perfection of glass are contrasted with the physicality, warmth and "imperfection" of natural wood.

www.lago.it



DISCOVER A RANGE
OF ACOUSTIC SOLUTIONS
FOR WOODEN FLOORING

isoldrum



Isoldrum PU Radiante FR

The laying procedure for **floating wooden flooring** or dry installation is increasingly popular thanks to its ease and efficacy.

Isolmant, which is fully committed to market development and has a strong expertise in the sector, has developed **complete range of products that are specifically used to install floating wooden and laminate floorings**. Thanks to their mechanical, acoustic and thermal characteristics, these products are designed to meet the requirements of different environments with a wide range of applications.

Like **Isoldrum PU Radiante FR**, conceived to achieve high impact sound reduction and moisture barrier performances. It has a high level punctual conformability that makes it suitable in case of uneven screeds. This product is coated with an high vapour resistant aluminated film.



TRIVENETA
PARCHETTI

www.trivenetaparchetti.it

SPINA UNGHERESE
Mod. PUB



HOLE IN ONE

TEXT
TITO
FRANCESCHINI

The Emirates Golf Club - the most widely recognized icon of golf for the Middle East - has now a new, modern look, still maintaining its iconic Bedouin-themed structure

Regarded as the oldest and the most established golf club amongst the many that have sprouted across Dubai, the Emirates Golf Club still stands majestically and lives

up to its name as the one and only 'desert miracle.' In fact, its Bedouin tent club house design is globally recognized as the image of the sport in Dubai and has been home to many

international golfing events that have featured the crème dela crème of golf like Ernie Els, Steve Ballesteros, Mark O'Meara, Tiger Woods and Henrik Stenson. Wasl Asset Management

Group, the firm that manages the Emirates Golf Club, had decided that the famous golf facility needed a face-lift - wanting to give the place a more modern look but still maintaining its iconic Bedouin-themed structure. The firm called on Brewer Smith & Brewer Gulf (BSBG), a leading Chartered Architectural firm, to implement a fresh new design for the golf club. Ironically, BSBG is the same firm that originally designed the facility 23 years ago. One of the key reasons for the redesign of the Emirates Golf Club was repackaging the venue as a destination and not just limit it to being a sports based facility. With this in mind, the BSBG design team set out to do a major revamp in design and concept for the family restaurant - M's. The dining



AMERICAN WALNUT

facility was designed to play an integral role in the move to highlight the Emirates Golf Club as a premier family oriented place to visit while in Dubai. American walnut was used for the flooring of the restaurant, giving the area a more classic and homely appeal to diners. According to the designers, walnut was chosen mainly for its aesthetic beauty, colour and durability with regards to traffic, wear and abrasion.

CREDITS

Species
American walnut

Architect
Brewer Smith & Brewer Gulf

Photographer
Richard ThornRobin Hill

AMERICAN WALNUT (JUGLANS NIGRA)

American black walnut has a creamy white sapwood, while the heartwood is light brown to dark chocolate brown, occasionally with a purplish cast and darker streaks. The wood is generally straight grained, but sometimes with a wavy or curly grain. American black walnut is very fashionable for use in furniture, cabinet making, architectural interiors and high class joinery. Walnut is a tough, hard timber of medium density, with moderate bending and crushing strengths and low stiffness. It has a good steam bending classification.



ABOUT AHEC

The American Hardwood Export Council (AHEC) is the leading international trade association for the U.S. hardwood industry, representing the committed U.S. hardwood exporters and the major U.S. hardwood product trade associations. AHEC runs a worldwide programme to promote the full range of American hardwoods in over 50 export markets. www.americanhardwood.org



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Forest

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forest@forestparquet.it
www.forestparquet.it

WE LOVE WOOD FLOORING!

We love the beautiful, especially when it's accessible to anyone. We love objects designed to live for a long, long time, like parquet. Here is our selection of flooring (and products for their care). You'll be spoiled for choice

In photo: Wooden floors are renewed by the Antico Asolo Matita collection with its elegant pencil-slim silhouette. The long, fine boards exalt the natural grain along their length and give a particularly dynamic, contemporary look to rooms. The new "impronte" finish (marked) creates a textured effect that shows the slight marks left by sawing, as if it had been done by hand with an old saw. www.cpparquet.com

DOMOTEX
2017

HALL 8
STAND
C02

Once upon a time

Epoca, a three layered wood floor that, thanks to its veins, typical knots of European Oak, peculiar hand-planing and deep brushing, show history of its grown, exalting nature. Wood is a natural and alive material and for this reason becomes testimony of our daily life and of our experiences. A specific attention has been paid in use and application of natural finishing coats; on a wood like this, in order to propose a aged and use effect, we could not use other finishing coats we could not use other than eco-friendly products, in respect of environment and human being health. Epoca is proposed in three different widths that can also be installed mixed as to give much more irregular effect as in the old rustic wood floors. This collection has 6 different available colours.

www.friulparchet.it



The invisible finishing

Solid Zero is the well-known natural finishing. Technicians call it "the invisible finishing". Indeed, Solid Zero is the high opacity water-based coating. For the non-specialists, wooden floors treated with Solid Zero look like a non coated and raw surface. Technicians can easily apply it, with a homogeneous yield, no traces or colour variations. Solid Zero is the top quality product in its category for hardness and durability. It has Renner Italia's laboratories technology inside.

www.solidrenner.com



New herringbone patterns

The same quality as usual in a new shape: this is the fresh novelty of the latest GiAnt collection.

Herringbone patterns that featured the noble mansions of the past are now living a new youthfulness in the field of interior design. GiAnt rides the wave of this decorating trend adding the preciousness of its solid parquet boards to the opulent design of the most wanted patterns. www.listonegiant.it



Solvents free

Adesiver Hercules is an odorless two-component adhesive for wooden floors with a very low sensitization level, free of solvents, water, isocyanic resins and epoxy resins with a MW ≤ 700. It has outstanding traction resistance, workability and coverage. Destinations: 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. Recommended for gluing onto heated subfloors.

www.chimiver.com



Ancient language becomes trendy

Right from the start fashion has been ideas "made to measure" projects... taste for decoration... for the sought out materials... craft skills...

Fashion interprets its time and identifies the moment. So many points in common with the creative work of an architect, an interior designer, a decorator, professionals with whom we at Triveneta Parchetti have been working forever in Italy and in the world. Triveneta Parchetti propose Aval true solid wood: the ancient language of the real solid wood with its irregularities and its nuances now become trendy. 100% made in Italy.

www.trivenetaparchetti.it



Damasco by Mardegan

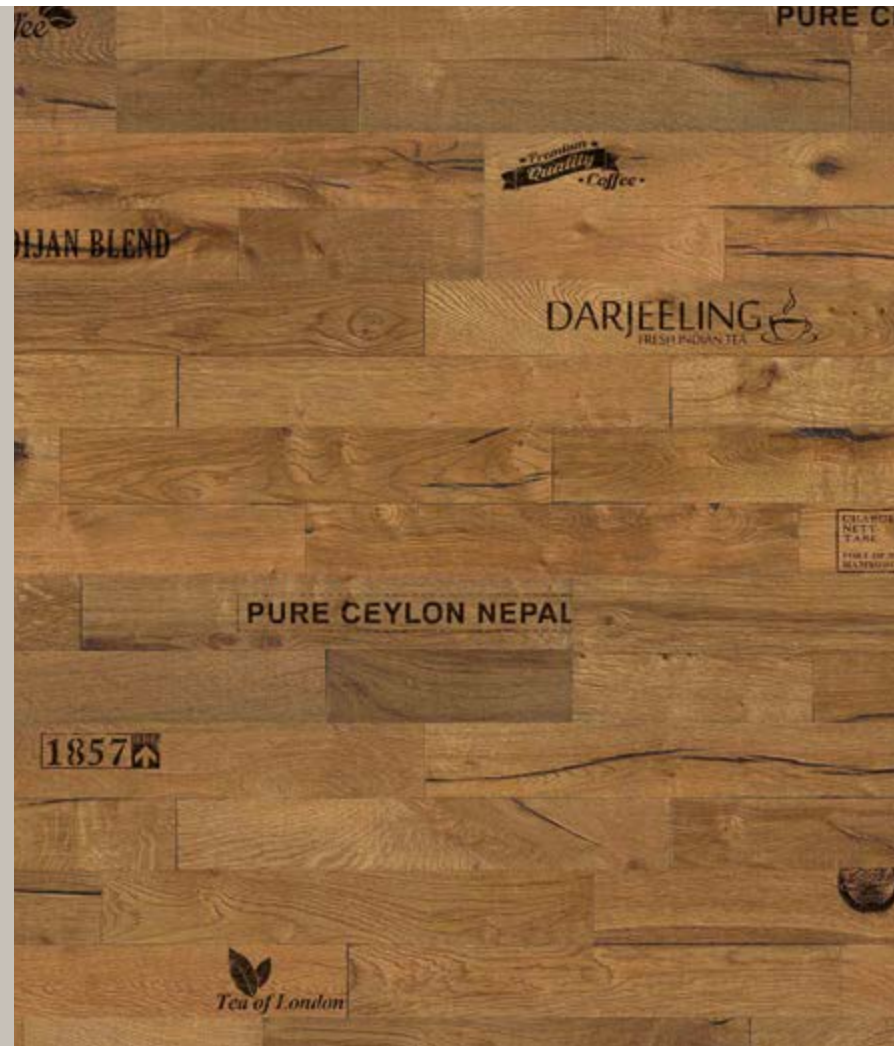
Damasco is a geometric surface with a hexagonal base, designed to enhance the beauty of wood thanks to a refined contrast of different colours and textures of the material. An elegant combination of nuances and surface finishes, for a charming and timeless result. Available in all the colour variants of the brushed and sandblasted lines, this is a choice that beautifies any interior, hand finished and painted.

italia.mardeganlegno.com

Da Capo strip

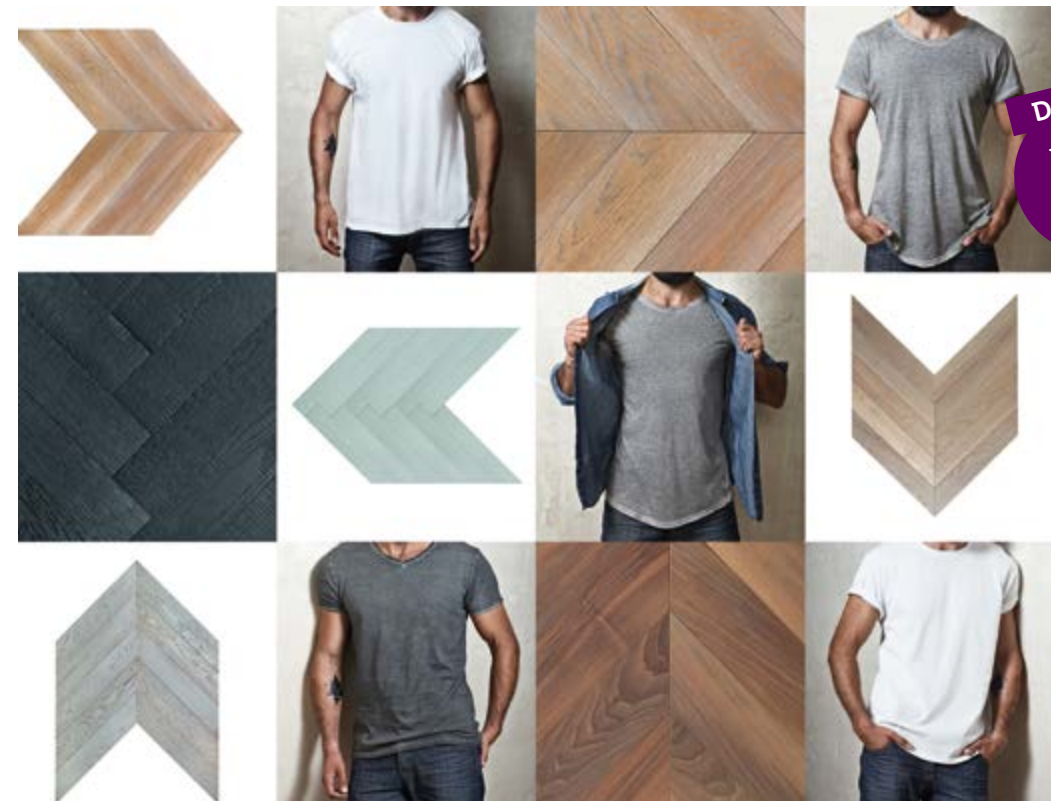
The character of vintage distressed wood, combined with the design of parquet strips creates a beautiful warm atmosphere. The rich tones and purity of natural material provide a rich heritage which can become a part of your everyday life. If this type of distressed wood isn't enough, there is an option to have it embossed with prints of the good old days, when coffee and tea was not a matter of course but a crucial journey to the orient. Da Capo parquet strip design is available in 3 colors; Pure Natur (Decorum), Old White (Dussato) and Wine Barrel Smoked (Domo).

www.kahrs.com

**It's Easy!**

Lignum Venetia is proud to present its new collection of double layer oak wood floors: the Easy Collection. Seven latest generation hand-crafted and original finishes, capable of meeting any type of request: choose between a coarse, natural or antique effect, and select one of our cutting edge colours, such as greys and black. A complete and easy range, offered in natural or rustic solutions and with fixed widths, in order to make the installation easy and fast. The use of natural oils ensures long-lasting protection of the wood, and gives it an aesthetically pleasing soft look while also making it resistant to abrasions and temperature fluctuations.

www.lignumvenetia.com

**Game of thorns**

Le Spine by Bassano Parquet Plugs have no limits. The collection plays with scents, shades of color and sizes. "What we wish to recommend is not as much, of course, floors, skirtings and more, but to join the philosophy of our product, focusing on finishes, formats and innovative ideas", says Giuseppe Andreatti, ceo of Bassano Parquet.

www.bassanoparquet.com

**There's something special**

Bona Traffic Natural seals and protects wooden floors yet preserves the look and feel of pure wood. Unlike conventional lacquers the surface, to the touch, feels more like raw, finely sanded wood. For best impression of raw wood, combine with one coat of the primer Bona White. Bona Traffic Natural is based on the unique Traffic formula which is your guarantee for long-term durability and reliable results.

www.bona.com

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D01**Le Quadrotte**

The fine craftsmanship embellishes the parquet with magic inlay works, stemming from the combination of wood, steel, marble and resin. The master craftsmen of Unikolegno create the refined artistic decorations composing the Le Quadrotte by hand with great skill and precision. The combination of the different materials gives rise to sophisticated geometric designs and fascinating colour matchings.
www.unikolegno.it

**Silane adhesive**

WB Mono MS is a monocomponent silane adhesive specifically for gluing all types of wooden floors on cement-based sub-floors or on pre-existing non-absorbent floors (marble, tiles, flagstones, wood surfaces). If applied evenly on the laying surface, WB MONO MS creates a waterproofing barrier that helps prevent damp rising up from concrete subfloors.

Technical characteristics:

- 100% MS Technology;
- high performance;
- easy to clean;
- free from isocyanates and amines;
- solvent-free;
- water-free;
- ISO 17178 compliant: elastic.

www.adisiv.it

Only wood

Skema Lindura is the first layered flooring made of wood that doesn't use any glue, but Wood Powder, core of Nadura, in order to become a textured wood, increased in the impact and wear resistance, with excellent performances of Bfl fire reaction, and thus suitable for any use in public environments.

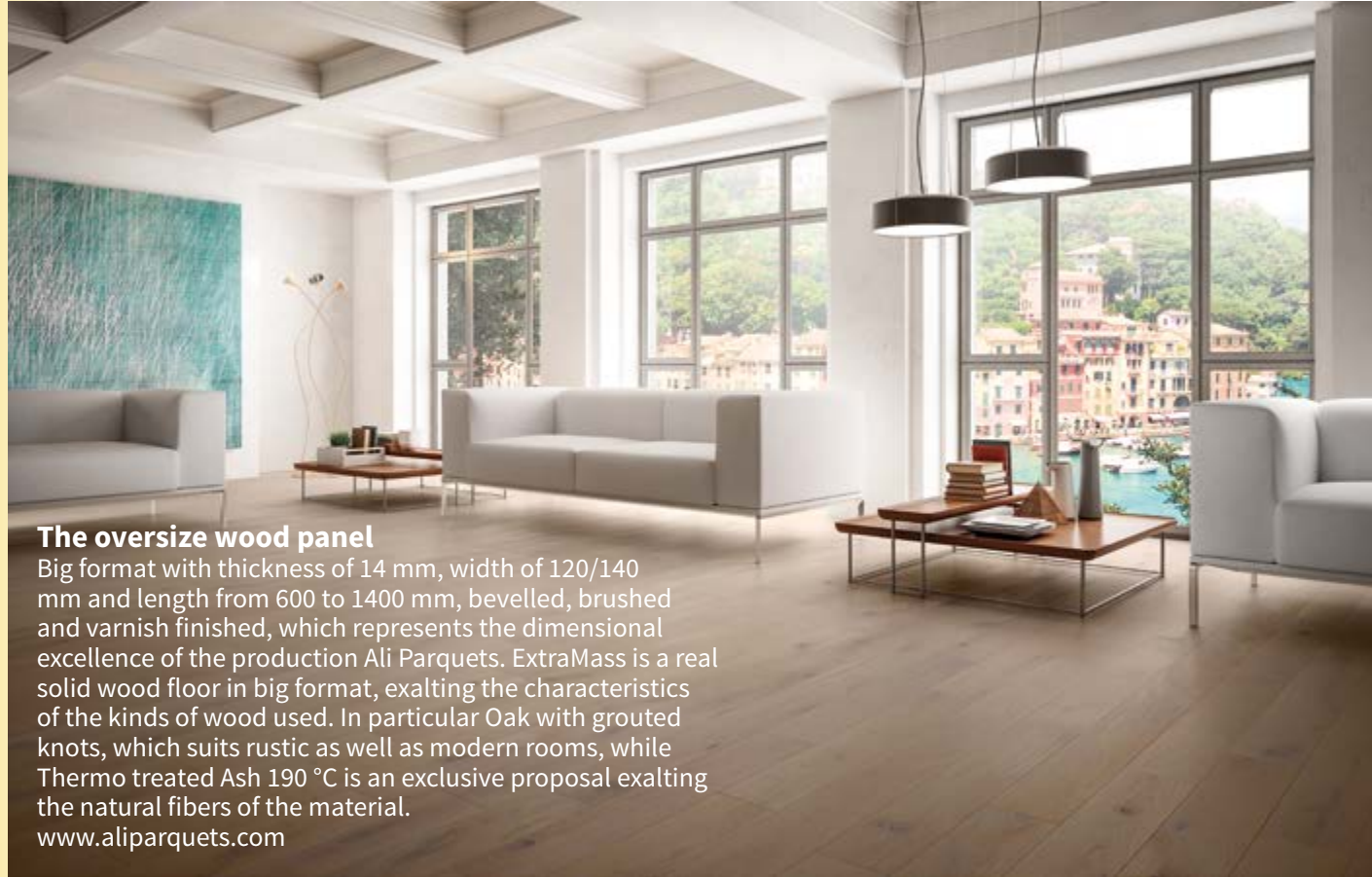
Photo: courtesy of Arch. Luigi Bulgarelli, head of project Palestra Aziendale - Banca Popolare di Milano)
www.skema.eu





The warmth of tradition

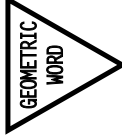
Like Christmas time, Forever 1919, brings tradition and a warm atmosphere to your home: this flooring in European Oak has a vintage style thanks to the colour tone variations, grain in relief and weathered restored knots, slightly rounded. There are many sizes, Versailles tiles in the picture, for glued or floating laying systems, all with micro-bevel, and a wide range of colours with two types of finishing: Blunt (light brushing) and Gravel (deep brushing). www.coraparquet.it



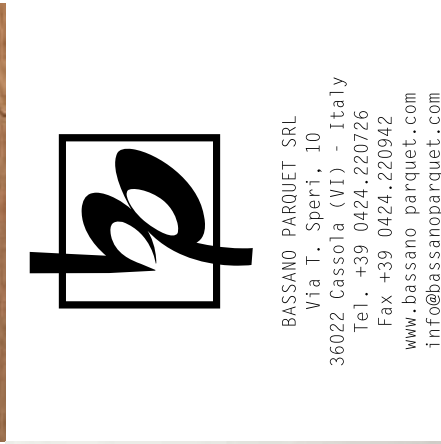
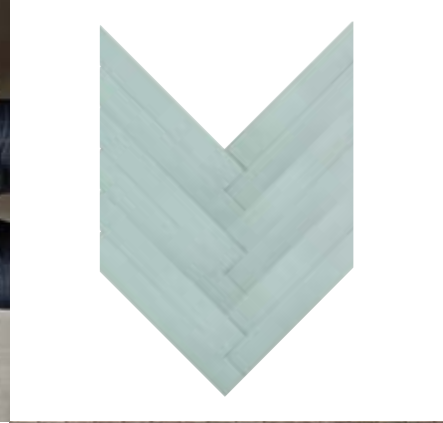
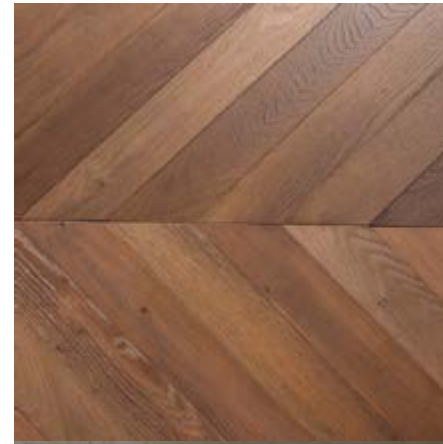
The oversize wood panel

Big format with thickness of 14 mm, width of 120/140 mm and length from 600 to 1400 mm, bevelled, brushed and varnish finished, which represents the dimensional excellence of the production Ali Parquets. ExtraMass is a real solid wood floor in big format, exalting the characteristics of the kinds of wood used. In particular Oak with grouted knots, which suits rustic as well as modern rooms, while Thermo treated Ash 190 °C is an exclusive proposal exalting the natural fibers of the material. www.aliparquets.com



AREA  DESIGN

 PAVIMENTI SU MISURA PRÊT-À-PORTER



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36022 Cassola (VI) - Italy
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Fax +39 0424.220942
www.bassanoparquet.com
info@bassanoparquet.com

I Gessi

Reminiscent of the wooden floors of a time with very narrow sizes long up to 1,80 m, width 7 cm, characterized by 6 trendy nuances, from shades of gray (graphite, blackboard, fossil) up to lighter tones as botticino, white star and natural color. They are made entirely in Italy, 100% Made in Italy, indicated for sustainable building and suitable for heating and cooling floor; on request is available the FSC certification. Combined in different gradations this pre-finished collection make every floor unique and customizable for easy installation or Herringbone Noblesse.
www.garbelotto.it

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D19

Skirtingboards of sophisticated design

Progress Profiles offers to all the world markets a wide range of innovative products which satisfies even the most demanding customers. One of the most popular products in the company's catalogue of 12,500 products is the new Proskirting skirting board. Two articles in particular - Proskirting Flat and Proskirting Channel - give a new lift to spaces with their contemporary design. An integrated system designed for plasterboard walls makes Proskirting Flat and Proskirting Channel elegant skirting boards flush with the wall, with or without a decorative internal groove or rabbet. They are available in stainless steel and anodised aluminium, polished, brushed or painted in a variety of colours to adapt to any kind of space.
www.progressprofiles.com



ALI PARQUETS®

FREE TO IMAGINE

The perfectly shaped solid wood strips ALI Parquets are made with extreme precision so that you can combine together the finishes and shapes you imagine.

Get inspired by the beauty of solid wood, do your project and discover how to create it on:
www.aliparquets.com/design

DOMOTEX
2017HALL 7
STAND
B51/1**For every challenge**

Bella Sander is the innovative wood sanding machine born in Klindex home. Available with 2900 Watt motor is ideal for cleaning, treatment, grinding and polishing wooden surface. Bella features all the interchangeable accessories to overcome all challenges that occur at construction sites.

www.klindex.it

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COMFORT FROM RADIANT HEAT SYSTEMS MATCHED WITH WOODEN FLOORS



Some interesting research on well-being at home - and energy savings - in relation to the type of flooring used

TEXT
CLARA
PERETTI

Thermal comfort is becoming a more and more relevant topic for many reasons, among them:

Comfort affects productivity (offices, schools)

Comfort affects consumption (winter, summer)

People are looking for greater levels of comfort indoors.

The main objectives in achieving comfort are the reduction of feelings of cold or heat perceived by the occupant of an environment and the guarantee of being able to regulate, manage and adapt the ambient temperature at will.

The condition of thermal comfort, also known as thermohygrometric well-being, can be defined, from a psychological point of view, as the condition in which a person feels neither hot nor cold, that is a condition of thermal neutrality.

The parameters involved in defining thermal comfort are air temperature, surface temperature of

walls, relative humidity, air currents, clothing, activities of the occupants and their adaptation.

RADIANT SYSTEMS FOR COMFORT

A convection heating system (like a radiator or a fan heater) transfers heat to the air which then warms other surfaces. With radiant systems the relevant surface heats or cools all the nearby surfaces through radiation, increasing the average radiant temperature and creating a uniform ambient temperature. A uniform temperature, like those provided by radiant systems, corresponds to greater comfort. An optimal combination of ambient air temperature and the average temperature of the surfaces, the so-

called average radiant temperature, means less energy consumption by the human body and energy savings in controlling the ambient temperature.

SOME INTERESTING RESEARCH

In research carried out by the Q-RAD Consortium, two different spaces with the same temperature but heated by different methods, convector and radiant, were compared. In the case of radiators and fan coils, inside the room there was a difference of 6 degrees between the temperature of the internal air and that of the surfaces. On the contrary, with a radiant system, this difference was reduced to 0.5 degrees, providing a more uniform temperature. These results

also affected consumption which was greater in the case of convection systems. In **Figure 1** we can see how distribution of a non-uniform temperature (example on the left – radiators) can cause both cold spots in the environment and over-heated spots (in white). On the contrary, the right-hand figure shows that an environment controlled by a radiant system guarantees greater temperature uniformity.

WELL-BEING AND RADIANT FLOORING

People perceive a radiant floor temperature over 19°C for cooling as comfortable and less than 29°C for heating. These limits are also included in the UNI EN ISO 7730 standards which

limit floor temperature to the range 19°C- 29°C for physiological reasons. When floors are held to temperatures within these limits, the majority of people wearing normal footwear feel a sense of well-being. On the basis of studies and research carried out in Denmark in the Seventies, a temperature range of 23°C – 25°C is the range at which fewer people complain (the approximate percentage of dissatisfied people would be 6%).

RADIANT SYSTEMS AND WOOD FLOORING: COMFORT AND ENERGY SAVINGS

To classify different floor surfaces, we can use a formula to calculate the contact coefficient inherent in the floor characteristics. The method was used to evaluate the flooring effect on people with bare feet.

Contact coefficient for floors
 $b = \sqrt{(k \cdot b \cdot c)}$

Where

b = coefficient of contact for floors

k = heat conduction

b = density

c = specific heat

The higher the contact coefficient, the more efficient the transfer of heat from the floor surface to the feet.

Table 1 shows some contact coefficient values for different floor materials. For energy savings, floors to be matched with radiant systems must have a low contact coefficient (like wood floors or fitted carpeting). This can eliminate the need to raise the ambient temperature because of cold feet. These recommendations should be followed in schools too, where children often play on the floor.

THE IMPORTANCE OF THE FLOOR MATERIAL

For many types of floor which are used by people with bare feet (swimming pools, gyms, changing rooms, bathrooms and bedrooms) the choice of floor material is extremely important. In one study carried out by Prof. Olesen in 1977, the perceptions of a representative group of people walking on different types of floor were analysed. The study was carried out in a climate-controlled chamber in the laboratories of the Danish Technical University (DTU). The surface temperatures were taken after 1 minute and after 10 minutes and people were asked to evaluate their sensation on a scale of 1 to 7. The graph in **figure 2** shows that the best temperature for a wood floor is 25.5°C, whereas for a concrete

floor it is 27.5°C. This result could be summed up as: to guarantee the comfort of the occupants, a wood floor requires a lower surface temperature, thus leading to energy savings. Similar results to those of Prof. Olesen were recorded in other publications dated 1969 and 1971. **Table 2** shows the results. The studies show that the optimal temperature range for marble and tiles is higher. This means that to reach the same level of comfort in winter as a wood floor, their surfaces must have a higher temperature.

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Figure 1) Temperature distribution. On the left convection heating (radiators) and on the right radiant heating.

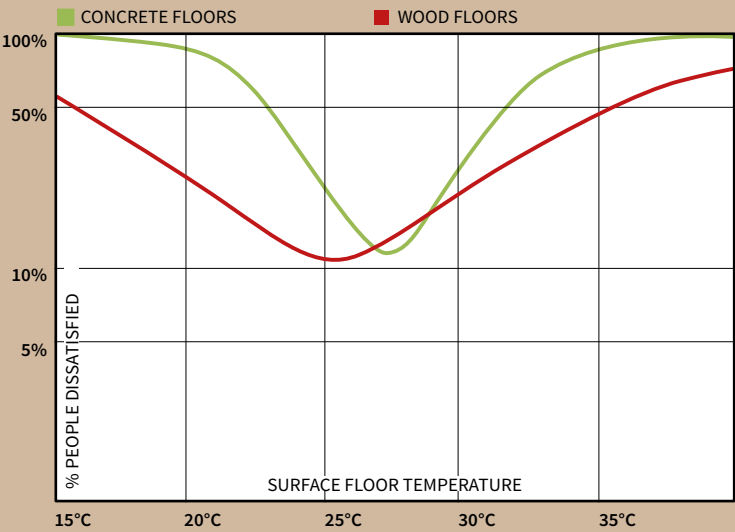
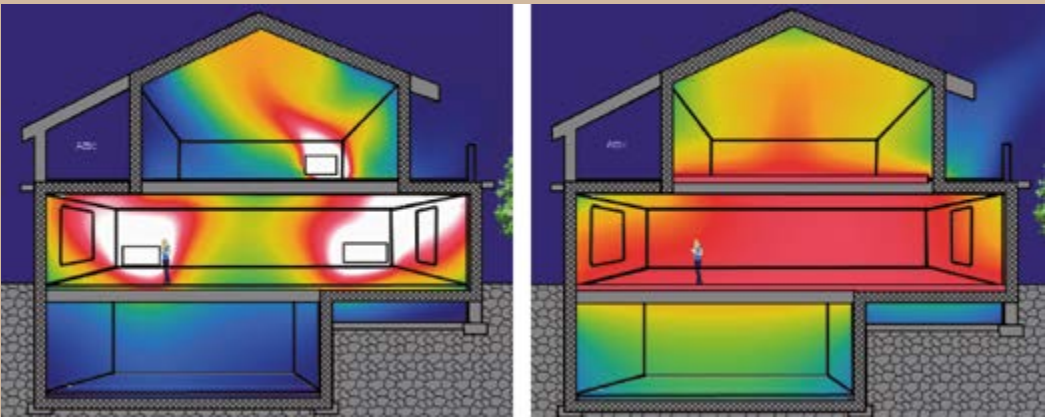


Figure 2) Surfaces finishes and percentage of people dissatisfied after 10 minutes.

Table 1. Floor materials and contact coefficient

FLOOR MATERIAL	CONTACT COEFFICIENT FOR FLOOR
STEEL	180
CONCRETE	25
LINOLEUM	9
OAK TIMBER	7
PINE TIMBER	4
CORK	2

Table 2. Comparison of floors

	OPTIMAL FLOOR TEMPERATURE AFTER 1 MINUTE	OPTIMAL FLOOR TEMPERATURE AFTER 10 MINUTES
OAK TIMBER	25°C	25°C
PINE TIMBER	26°C	26°C
MARBLE	30°C	29°C
VINYL TILES	30°C	28.5°C

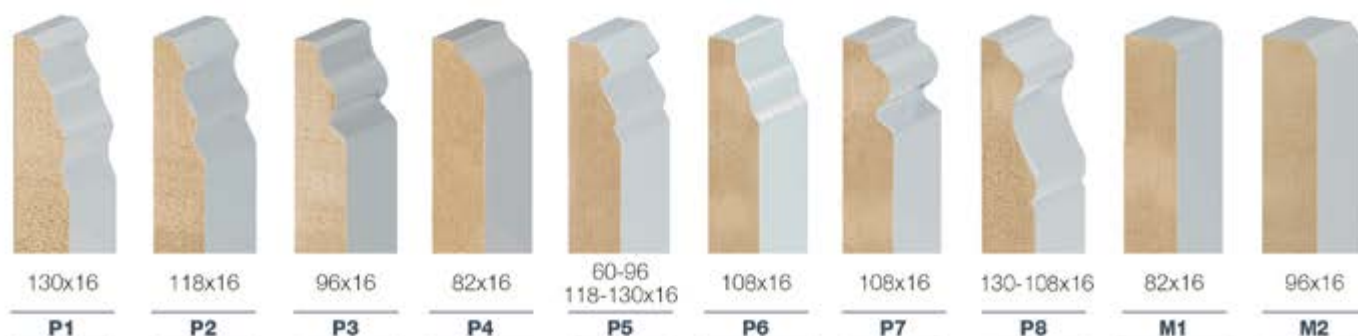
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TO MAKE GOOD PARQUET (YOU NEED A GOOD MACHINE)

On the occasion of the twenty-fifth edition of Xylexpo, we are giving you an overview of the best machinery for use in making wood floors

TEXT
DAVIDE
VERNICH

Setting aside for good the consequences of the 2008 crisis, Made in Italy technology in woodworking has returned to play a major role on the international scene.

After a fairly satisfactory 2015 (+7.2%), 2016 looks as if it is continuing the positive trend in the sector. There should be an increase in turnover again of about 5 to 10% (Data from Acimall, the Italian Association of manufacturers of machinery and accessories for woodworking).

Italian manufacturers are continuing to see an increase in turnover particularly abroad. Analysts put this down to the flexible features of their machines, which in order to meet the needs of daily use have been designed for maximum efficiency.

To celebrate the recovery of this sector we have made a selection of the best machinery for timber, and, more specifically, for parquet. Five choices which are notable both for their innovative approach and their avant-garde technical features.

CANON OCÉ ARIZONA



«The digital decoration system Océ Arizona allows operators of the wood and flooring industry to offer brand new applications to their customers, creating immediate opportunities for new business and added value».

Enrico Restani, business development manager
Canon Italia

The Canon Océ Arizona flatbed system, is the perfect solution to digitally apply decorations, patterns, textures, pictures, special effects to boards of wood - or any other substrate - for flooring, boiserie, furniture, interior decoration applications and much more. Océ Arizona is an absolute novelty in the sector, and it is easily manageable by any wood industry operator who, with minimal training and support from Canon, can broaden its service offering with new, elegant and profitable applications.

The system handles up to 5 cm thick boards, on an area wide up to 3x2,5 meters. The colours used are UV curable inks, ecological, hardwearing and easily paintable with the off the shelf coatings used in the flooring and wood applications. An Océ Arizona flatbed system is always available in the Canon Experience Center in Cernusco sul Naviglio, for application tests, short runs or even just to see a demonstration.

CASELLI GROUP HBR 400



«Definitely the horizontal band saw model HBR 400, which is a user-friendly machine combines high performances with excellent finishing results».

Nicolò Sfiligoli and Luca Filippo,
sales manager Caselli Group

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CEFLA FINISHING SMARTPARQUET

BY SORBINI



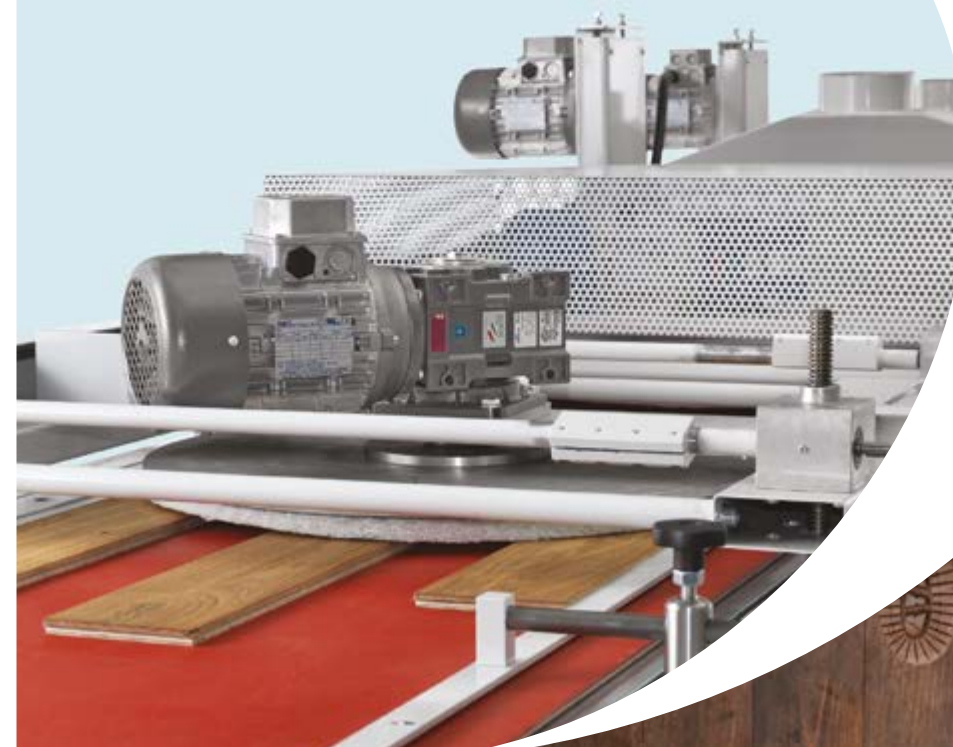
«The Cefla Finishing, the world-leading provider of finishing, decoration and digital printing solutions for wooden articles and its by-products, designs and manufactures tailored and “turnkey” systems for the wood market. The proximity to customers is ensured by a worldwide distribution network that consists of a large number of subsidiaries, dealers and production facilities in countries such as Germany, the USA and China».

Riccardo Quattrini, ceo Cefla Finishing

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TO
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Stefano Sbalbi,
product area manager
Celaschi

Team machines from 40 to over 250 m/min, processing planks of a wide range of materials and with many different joints: solid wood or 2-3 wooden layers, MDF and HDF coated with melamine-laminated, ceramic, LVT, PVC and cork, with lengthwise and crosswise joints with T&G, Click 2G and 5G profiles. The new Celaschi profiling machine can produce planks with minimum width 58 mm to over 300 mm, minimum length 300 mm and maximum 6000 mm, thickness from 5 to over 35 mm.



TEAM NEW PROFILING MACHINE UNRIVALLED PRODUCTIVITY

Team executes profiling at speeds from 40 to over 250 m/min, manufacturing parquet flooring of a wide range of materials and with different joints: solid wood or 2-3 wooden layers, MDF and HDF coated with melamine-laminated, ceramic, LVT, PVC and cork, with lengthwise and crosswise joints with T&G, Click 2G and 5G profiles.

Thanks to the **new feed chain**, Team processes **planks with minimum width as from 90 mm at a maximum speed of 150 m/min**, for a performance at the highest productivity level with reduced costs.

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Skaut is a machines to automatically create the effect of hand planing on elements of beams, plates, beads and wooden floors. The key feature of this machine is that performs this type of planing randomly and without repetitions; each piece is different from the others. Besides changing the parameters of the machine can be made endless effects finishing machine consisting of several group always on request.

«Build machines for woodworking that represent the best compromise between reliability and technological innovation has always been the primary objective of the CM Machines, a company that for over thirty years of experience, offers

quality products, and reliable reference for the entire sector also adapting to particular needs of customers»

Mariano Cattelan,
sales manager C.M. Macchine

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BAUWERK BOEN GROUP HAS ACQUIRED HAAS DOM IN CROATIA

With this acquisition, the Group gain access to important raw material and production capacities

TEXT
ANNA BARONI

Bauwerk Boen Group (Europe's leading developer, manufacturer and supplier of parquet flooring in the premium segment, as well as the second-largest market participant in wood flooring) has acquired Haas Dom, the Croatian subsidiary of the German Haas Group. It was announced by the group in a press release issued on December 12, 2016. Haas Dom is a parquet and wooden panel producer

with an own saw mill in Đurđevac. They maintain a long-term supply contract with the state forestry administration of Croatia and employs around 130 people. Thanks to the take over, Bauwerk Boen can exploit further growth potentials and respond to the shortage on raw materials, especially of large plank parquet formats. In a first step, Bauwerk Boen intends to build-up a parquet factory with a capacity of 1.3 million

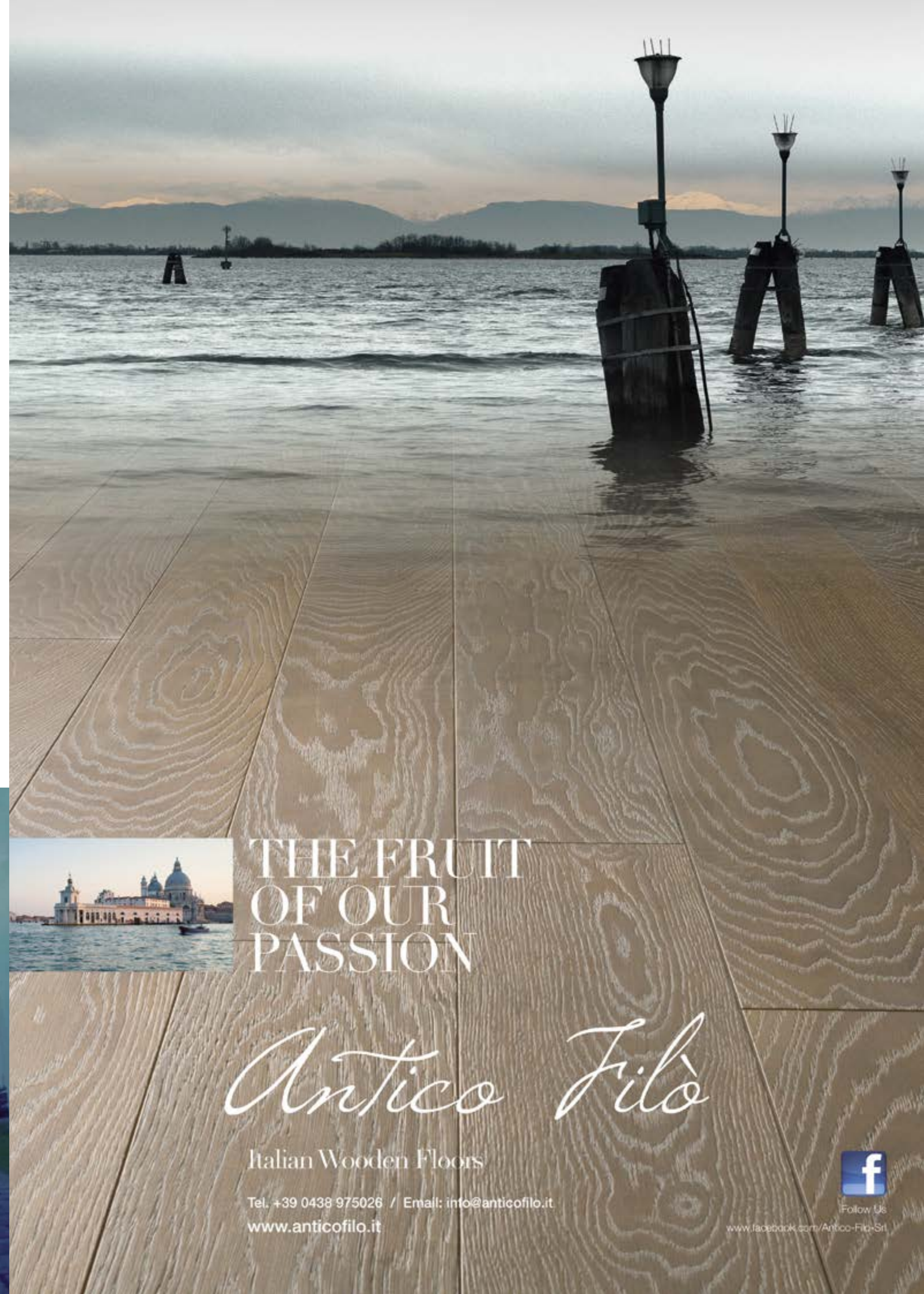
square meters and 200 employees. In a second step, the Group aims to double the production capacity. Zeljka Dolenec will continue as the managing director of Haas Dom as well as its integration into the Bauwerk Boen Group. Christian Koch, member of the executive committee of Bauwerk Boen Group, will be responsible for the overall management of the Southern production locations in Switzerland and Croatia.

ABOUT BAUWERK BOEN GROUP

With sold volumes of around 9.4 million square meters annually, the Bauwerk Boen Group offers a complementary portfolio of two- and three-layer parquets as well as wooden sports flooring under the two brands Bauwerk and Boen. The core markets Switzerland, Norway and Germany, as well as Austria, the UK, France and the US, are served by local subsidiaries. The Asian region is served by Bauwerk Boen Group Asia Ltd., which was established in 2015 and is located in Hong Kong. Administrative headquarter of the Group is located in St. Margrethen, Switzerland. The production locations are concentrated in St. Margrethen and Kietaviškės, Lithuania, while in Croatia the Group operates with long-term partners. During the financial year 2015, the Bauwerk Boen Group generated a net turnover of CHF 267 million and employed around 1,900 people.

ABOUT HAAS GROUP

The Haas Group with its core brand Haas Fertigbau is one of the leading prefabricated building manufacturers and timber construction companies in Europe. Founded in 1972, the company gained reputation across borders for prefabricated buildings early on and later also for further construction and building supplier activities. As of the 1980ies the product portfolio was increasingly diversified by acquisition of companies from adjacent industries. Today, the clear focus is on prefabricated timber construction. Haas Fertigbau employs around 1,000 people and generates total revenues of around EUR 200 million per year. In 2015, the entire Group achieved a total turnover of EUR 300 million with an employee base of 1,700.



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READY FOR NEW BALANCES?

TEXT
ANNA BARONI

**Impertek introduces
the new self-levelling
head for Jack Supports**

This year Impertek is going to launch on building market 5 new products, indispensable to realize external raised floorings. A range of adjustable supports and accessories essential to simplify work on site, among them 2 new supports with an incredible low height: Prime Up (adjustable support with a minimum height of 10 mm) and MiniBalance (self-

levelling and adjustable support from 25 to 50 mm). Impertek, always aware of installer's real needs, together with the new supports introduces to its customers three accessories for the wide range of adjustable pedestals: Vertical Wall Clips, Clips for Steps and Balance, the self-levelling head for all the Jack Supports.



Balance is the real innovation of Impertek, which compensates automatically up to 5% of slope. Balance works with all the Jack Supports range (15 products with an adjustable height from 25 to 395 mm), it is designed to suit easily to every surface and can be used together with the slope correctors for supports, so as to increase the slope correction range. Balance is composed by 4 overlapped parts. Starting from the bottom we find a connector to hook the screw of the support, upon it the head with the spacer wings available in different measures, integrated with an anti-shock rubber (recognizable for the orange colour), that guarantees an excellent noise absorbing result. Finally, the locking clip permits the head balancing movement to compensate automatically possible slopes.

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THE PARQUET MARKET IN EUROPE



A brief summary, nation by nation, of the sector's performance in the first 9 months of 2016 by FEP data. The good start has been confirmed

TEXT
TITO
FRANCESCHINI

The Board of Directors of the European Federation of the Parquet Industry met on October 2016 and discussed amongst others both the parquet situation and recent economic indicators on the European market. The good start observed in many reporting European countries during the first months of the current year has been confirmed during the first semester of 2016, when compared to the same period of last year. Although the reported parquet sales figures are not booming, the positive trend continues and activity seems to consolidate in most of Europe. A brief per country recap is provided in the maxi-table.

RUSSIA Board members consider that the market remains weak in Russia, where cheaper flooring solutions have more success than parquet.

AUSTRIA The information provided to FEP points in the direction of an increase of the parquet sales by 3% in Austria, reflecting significant increases of investments in buildings.

BELGIUM The Belgian market progressed by an estimated 3% during the first semester of 2016 and is expected to keep this pace up to the end of the current year.

DENMARK Growing building activities and projects in large cities are supporting a 3 to 5% improvement of the Danish market. This positive development is forecast to continue.

FINLAND The situation in Finland remains the most problematic among European countries. Projects are delayed and the market fell by 15% during the first semester while it is expected to decline by 10% for the whole year.

FRANCE The first half of the year shows rather good results with an increase by 3% of the French sales although producers of solid wood parquet are not experiencing such positive developments. These trends should continue as there is

GERMANY The German market grew with an estimated 3% in the first six months of the current year but is presently becoming more "difficult".

ITALY Parquet sales are recovering a bit in Italy by 1 to 2% but from a very low level. Despite increases in bank lending, people are still reluctant to invest. A positive vote on the referendum to support the actual government is necessary to prevent a new crisis.

NETHERLANDS The Dutch market upturned during the first semester of 2016 by an estimated 3%. This trend is forecast to continue for the rest of the year.

NORWAY Following significant difficulties, the Norwegian market seems to stabilise.

POLAND The few information available point to an increase of the Polish market by 1 to 2%. Poland is suffering from the political instability, especially the non residential market.

SWEDEN The market increase which was rather substantial in 2015, shows signs of stabilisation around +5%.

SPAIN The Spanish situation is comparable to Italy. The market rose by 1 to 2% from a very low level and needs political stability to keep this pace.

SWITZERLAND The Swiss market is still reflecting the low housing activity connected to the legal limitation of vacation homes' construction. For the first semester of 2016, the parquet market fell by 5 % and is expected to decrease by 3% for the whole year.

UNITED KINGDOM Board members agree that the UK market remains the most dynamic, especially the residential sector. Brexit has no local impact. The parquet sales rose by 3 to 4% during the first semester of 2016.

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