CLAPI

THE REVOLUTION
IN INDOOR
FLOORING
AND COVERINGS

DECO

BREAKING
THE MOULD.

AGAIN.

DÉCO
ALL AROUND COVERINGS

Déco is the company that for years has been pushing the boundaries and market trends of flooring and coverings.

Investing each day in the development of new technologies to continue to offer innovative materials and solutions, many times over the years, Déco has been able to create new needs and redefine the very concept of contemporary living.

CONTENTS

CLAP!

DESIGN TO IMPRESS

Clap! by Déco is the floor and covering collection for interiors design to amaze in every environment.

Thanks to the superior performance compared to traditional flooring and to the unparalleled aesthetic performance, Clap! is able to give charm and distinctive characteristics to any indoor context.

WHEN ART MEETS INDOOR LIVING

Three innovative collections,
a single technological heart.

Brought together by a stone powder and polymer soul, the three **Clap!Real**, **Clap!3D** and **Clap!GO** collections represent the maximum expression of technological, aesthetic and material research in the industry of indoor coverings.

CLAP! IS UNIQUE

- **WATERPROOF AND EASY TO CLEAN**

  Thanks to the superficial layer of protection, Clap! is resistant to liquids and oily substances and very easy to clean with just a mild detergent. Additionally, the almost total absence of joint lines prevents dirt and bacteria build-up between the boards.

- **RESISTANT TO WATER AND HUMIDITY**

  The stone powder component in the product mix makes Clap! resistant to humidity and therefore also suitable for installation in bathrooms and kitchens.

- **ALSO FOR RADIANT HEATING**

  Having registered also a low index of thermal resistance, the flooring and coverings from the Clap! line are suitable to be installed over traditional radiant systems for heating/cooling.

- **SILENT TREAD**

  Annoying noises from foot traffic are minimised by the integrated underlay significantly improving acoustic comfort of environments.

- **QUICK INSTALLATION AND READY FOR FOOT TRAFFIC**

  Thanks to the integrated underlay Clap!Real guarantees rapid and immediate installation, without previously installing an underfloor. The interlocking installation also makes the flooring immediately ready for foot traffic.

- **INSTALLATION IN FURNISHED HOMES**

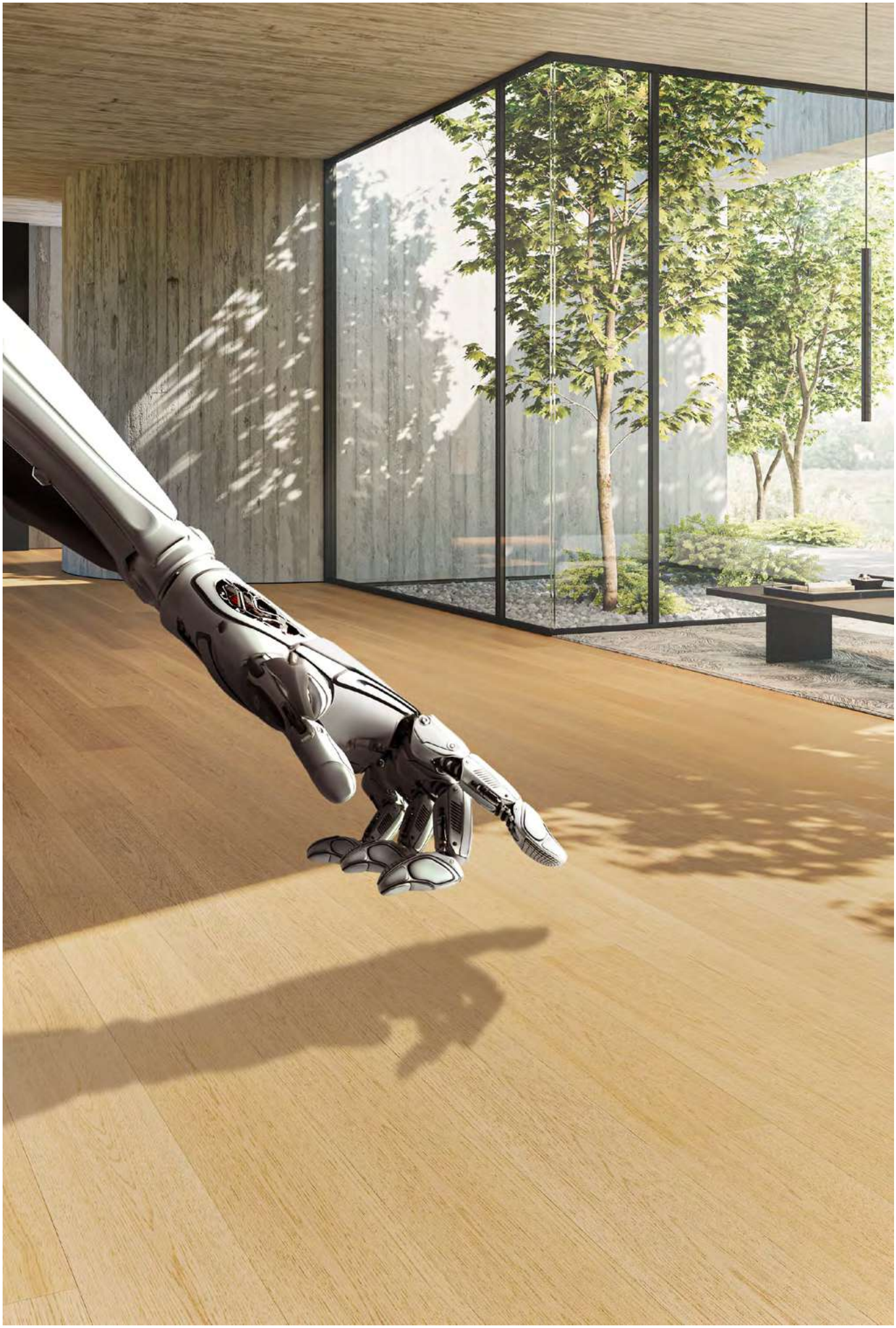
  Clap! can also be installed in furnished homes and without having to demolish existing flooring, simply moving the furniture and proceeding with the installation.

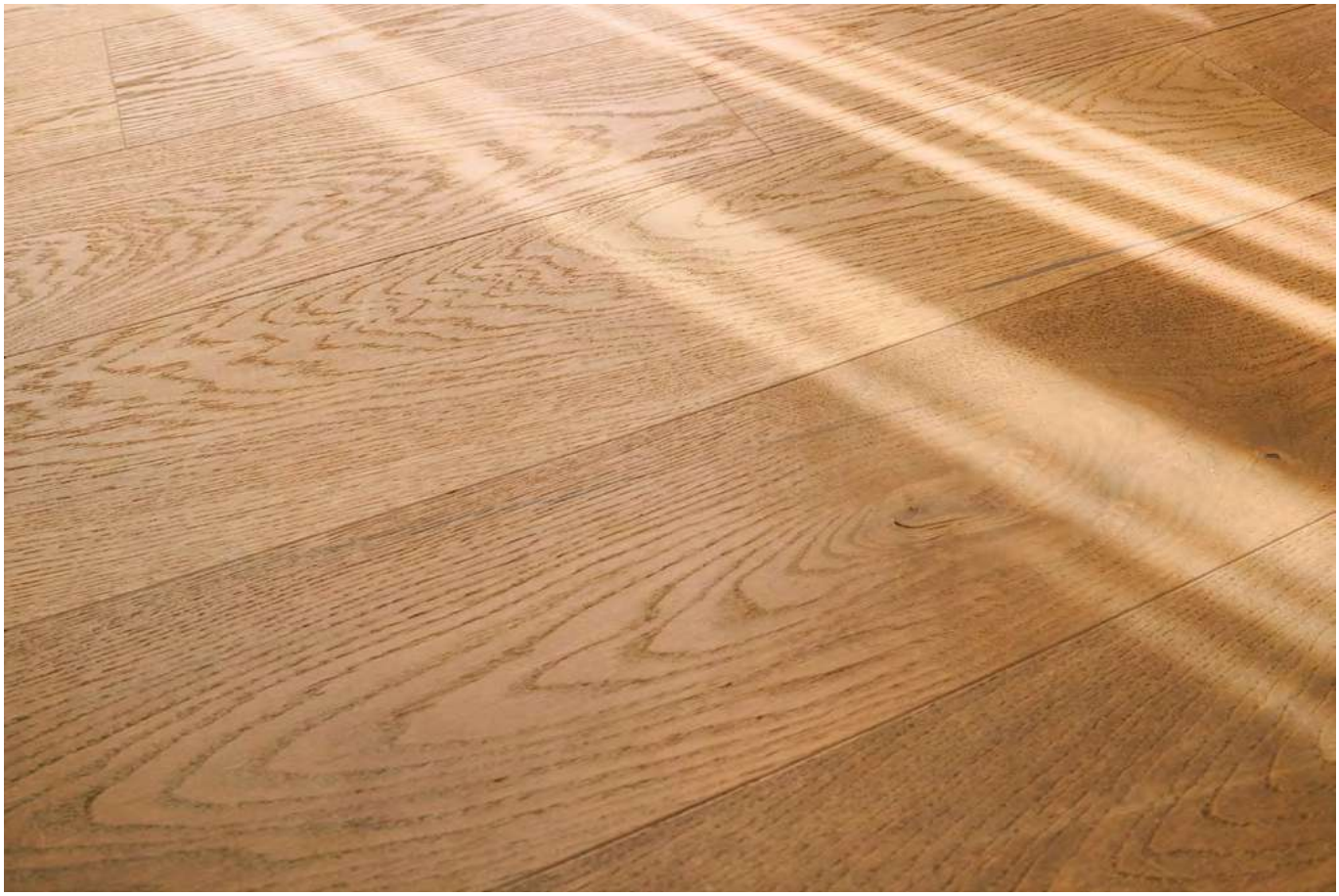
CLAP! REAL

NATURAL WOOD HAS NEVER BEEN SO TECHNOLOGICAL

Clap!Real is the new wood flooring made of natural wood with a stone powder and polymer core.

A totally innovative idea to allow for walking and living on a natural wood floor enjoying, at the same time, all the advantages of a high-performance material.





NATURAL WOOD. AT EVERY STEP

With a layer for foot traffic in natural wood, Clap!Real is the revolutionary flooring for interiors in enhanced oak.

The waterproof protective shield and advanced internal compound contribute to making Clap!Real the most high-performance natural wood covering ever in terms of stability, resistance to humidity, easy maintenance and installation.

IMMEDIATELY. EVERYWHERE

No drying time: Clap!Real is the new wood flooring ready for foot traffic immediately after installation.

Using the innovative 5G interlocking system, Clap!Real boards are firmly and quickly installed also over existing floors and without requiring glue.

CLAP!REAL COLLECTION
THE FINISHES

RASCARD

ISBA

HANOK

Clap!Real is a collection created with a layer of 100% natural oak surface. All the images are purely indicative since, as they are finished with natural elements, each board is unique and different from the others. For the same reason, different production lots can include normal shade variation in addition to differences in the intensity of knots and grains.

HANOK

The oak's most classic shading: warm, honeyed and perfect to create welcoming environments and with a traditional character.

CLASSIC BOARD
6 x 190 x 1900 mm

The Hanok is a typical Korean dwelling of just one floor and made with three materials: wood, stone and clay. The term Hanok was coined specifically in the early 1800s to distinguish this traditional Korean house from the one in western style.

DÉCO INSPIRATION
HANOK / SOUTH KOREA

RASCARD

Elegant and sophisticated, dark oak, with hues ranging between tobacco and leather, it is the ideal choice to give environments personality with furnishings in contrasting colours.

CLASSIC BOARD
6 x 190 x 1900 mm

The Rascard is a typical construction of the Alps consisting of two floors: a ground floor made with stone and a first floor made with wood. The characteristic mushroom-shape of the rascard, therefore, is given by the need to raise the part of the building made of wood distancing it from snow and humidity.

DÉCO INSPIRATION
RASCARD / ALPS, ITALY

ISBA

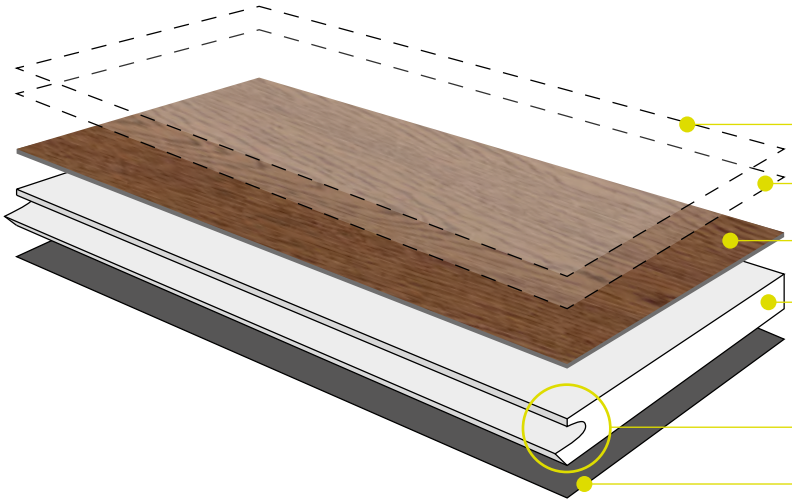
A variant of oak with a cooler undertone, perfect for those interiors that want to work with a neutral palette of colours without giving up on the pleasing shades of natural wood.

CLASSIC BOARD
6 x 190 x 1900 mm

Isba is the typical house on Russian farms. Built without using nails, all the wood components were simply cut and assembled using a hatchet.

DÉCO INSPIRATION
ISBA / RUSSIA

CLAP! REAL
STRUCTURE AND INSTALLATION SOLUTIONS



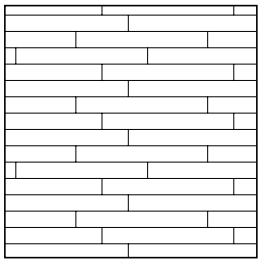
INTERLOCKING INSTALLATION SYSTEM

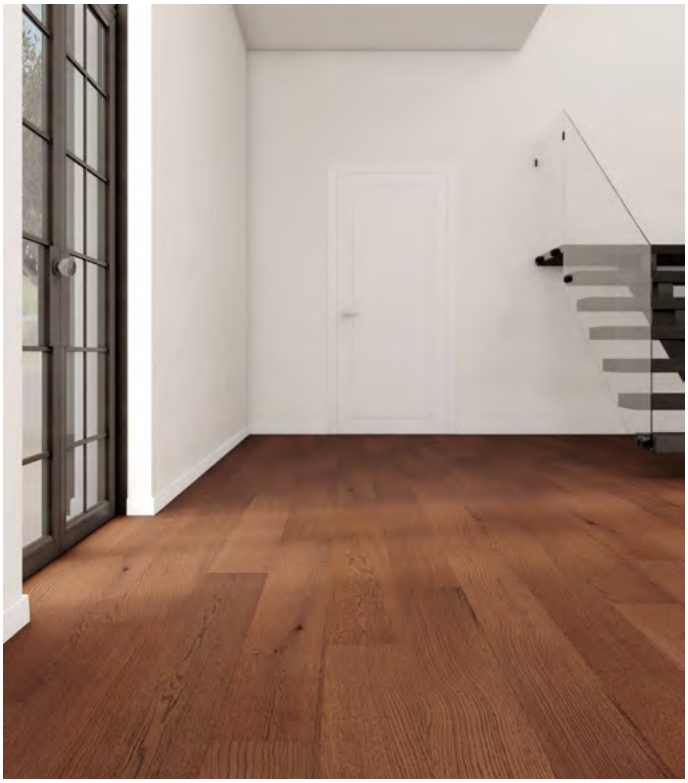
The innovative 5G interlocking system allows for a quick installation immediately ready for foot traffic, also over existing flooring and in furnished homes, without requiring glue and without drying times.

CLASSIC BOARD

1900 x 190 x 6 mm

Classic layout with 30cm staggering





CLAP!3D

THE NEW DIMENSION OF REALISM

Clap!3D is the collection of flooring for interiors with unprecedented realism.

Each grain and detail of the wood is artfully reproduced to give the touch and sight all the texture of natural wood, while the shade variation of the boards, different among themselves for the pattern and hues, allows for recreating the characteristic chromatic diversity.

TOUCHING IS BELIEVING

A bet to win eyes closed.

It is enough to just touch a Clap!3D board to feel the reliefs and grains of the wood made with surprising accuracy and precision.

NO LIMITS TO IDEAS

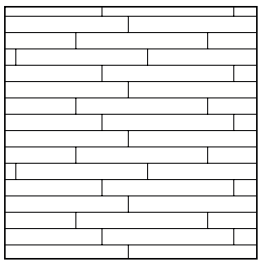
Thanks to the variety of sizes, with Clap!3D it is possible to achieve numerous layout designs.

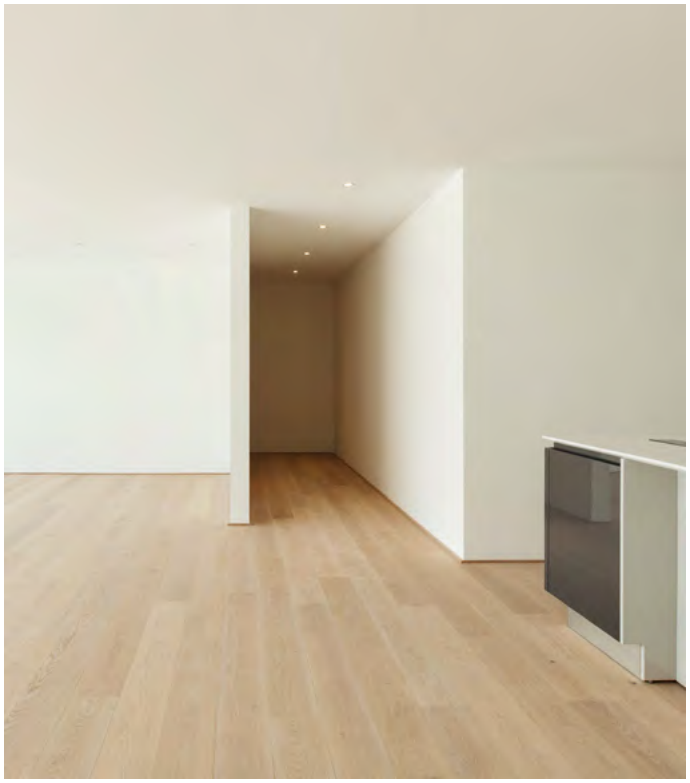
From the most classic, like the staggered layout or the herringbone pattern, to the most sophisticated, like the multi-format layout, Clap!3D adapts to all styles warming the environments with material hues and shade variations.

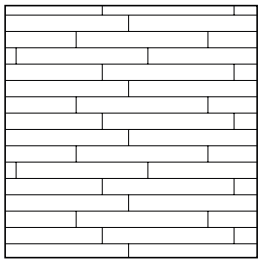
CLAP!3D
SIZES, INSTALLATION SOLUTIONS

MAX BOARD
1800 x 228 x 6 mm

Classic layout with
30cm staggering







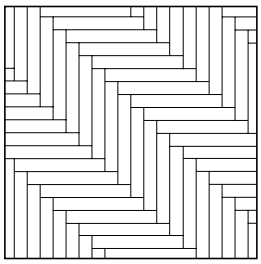
S BOARD
1220 x 181 x 5 mm

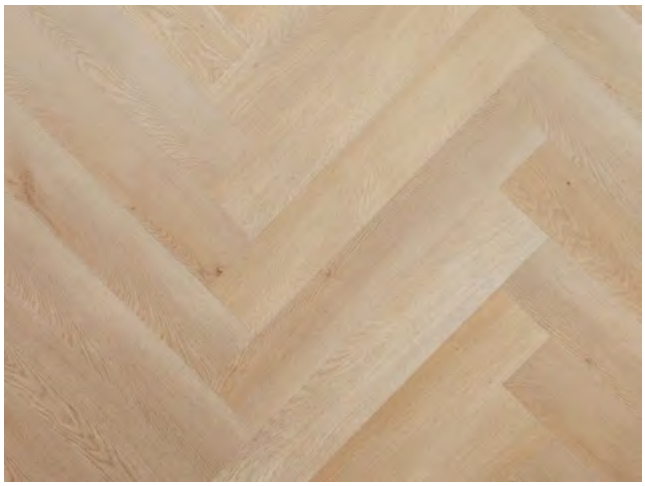
Classic layout with
30cm staggering

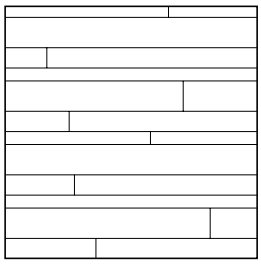
HERRINGBONE BOARD

762 x 127 x 5,5 mm

Herringbone board with “Italian” variation







MULTI-FORMAT BOARD

1800 x 228/181/150 x 6 mm

Layout with 30cm staggering

The Herringbone and Multi-format installation solutions are available only for the Pinna finish.

CLAP!3D COLLECTION
THE FINISHES

PINNA
Max Board / S Board /
Herringbone Board /
Multi-format Board

TAKLA
Max Board /
S Board

EUREKA
Max Board

YADAN
Max Board /
S Board

RUB
Max Board

GOBI
Max Board

SALAR
Max Board

NAMIB
Max Board /
S Board

VEGAS
Max Board

MARAN
Max Board

PATAGONIA
Max Board

PINNA

The golden shades of the Pinna trim are perfect to warm spaces and make them pleasant and welcoming.

MAX BOARD
6 x 228 x 1800 mm

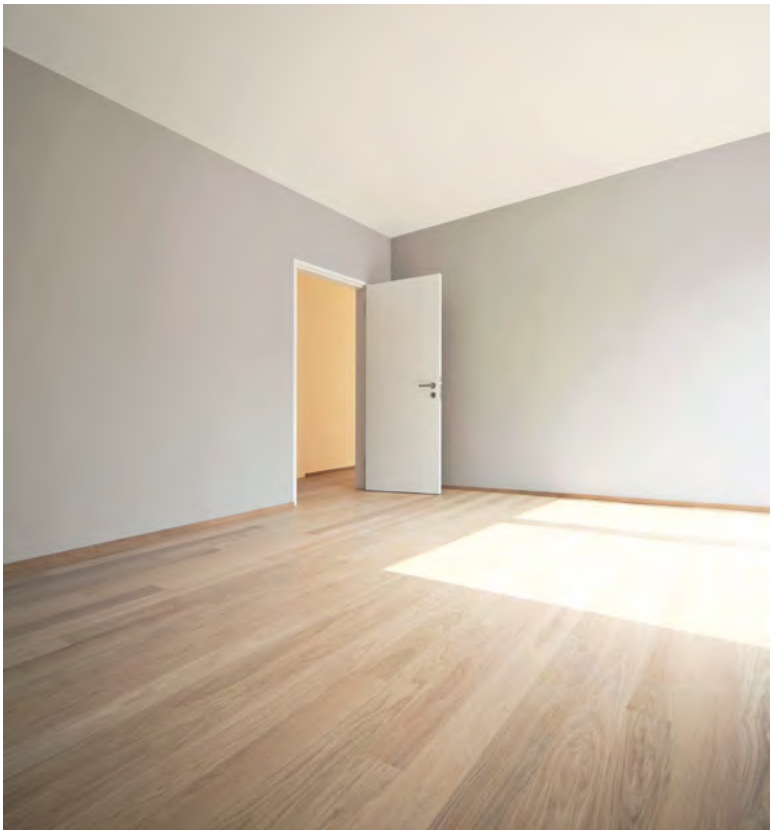
S BOARD
5 x 181 x 1220 mm

MULTI-FORMAT BOARD
6 x 228 / 181 / 150 x 1800 mm

HERRINGBONE BOARD
5,5 x 127 x 762 mm

The Pinnacles Desert is an Australian desert known for its limestone formations similar to very tall columns and, therefore, called “pinnacles”.

DÉCO INSPIRATION
PINNACLES DESERT / AUSTRALIA

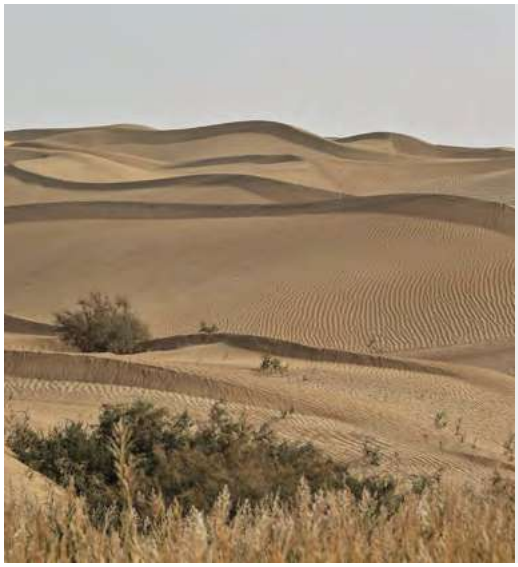


TAKLA

A sense of cosiness comes from
the warm grains that evoke
a sense of romantic intimacy.

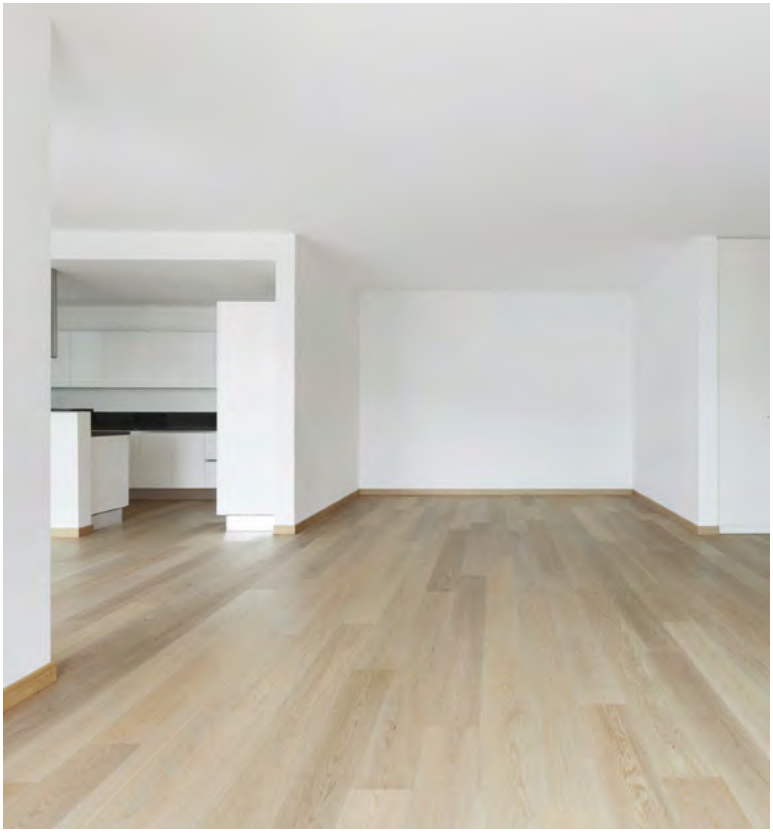
MAX BOARD
6 x 228 x 1800 mm

S BOARD
5 x 181 x 1220 mm



Perhaps the most unwelcoming place
imaginable: the Taklamakan desert
is the farthest point on the planet from
the sea, located in north-east China
on the border with Mongolia.

DÉCO INSPIRATION
TAKLAMAKAN DESERT / CHINA



EUREKA

The colour sand, with its chromatic hues that go from pink to grey, give the environment an exotic and sophisticated atmosphere.

MAX BOARD
6 x 228 x 1800 mm

The Eureka Dunes are the incredible sand dunes of the Eureka Valley known for the mysterious phenomenon called “singing dunes”: when the sand is completely dry, you can almost hear a low sound, similar to a note from an organ, as if made by the sand itself.

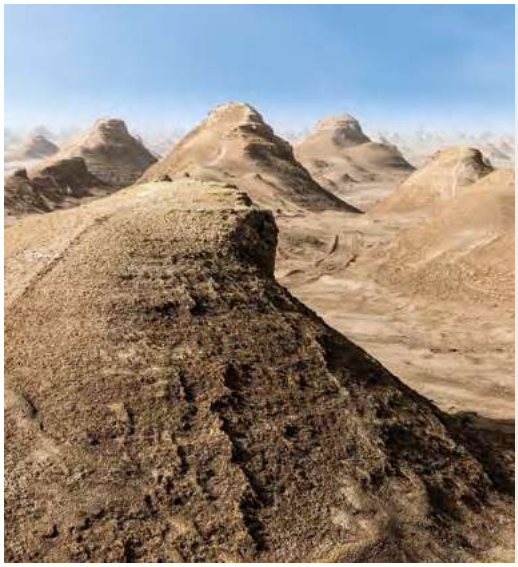
DÉCO INSPIRATION
EUREKA VALLEY / CALIFORNIA, USA

YADAN

Whirling streaks create a surprising sense of movement giving life to a dynamic atmosphere with a tropical flavour.

MAX BOARD
6 x 228 x 1800 mm

S BOARD
5 x 181 x 1220 mm



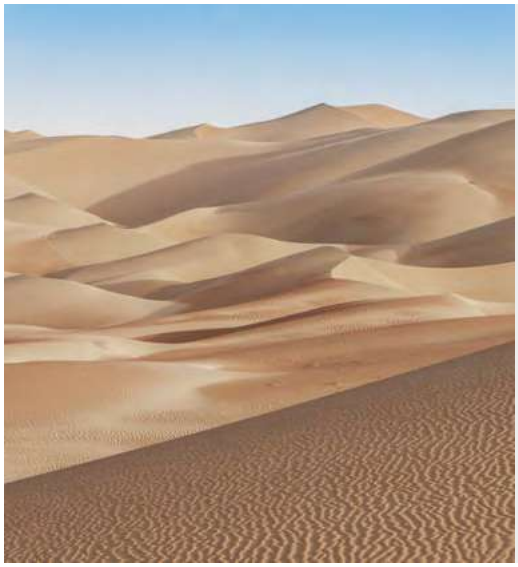
In the desert area of the Yadan National Geological Park, it is possible to find rocks shaped by the wind and atmospheric agents. These natural sculptures, called yadan, are the largest geological formations of this kind.

DÉCO INSPIRATION
YADAN NATIONAL PARK / CHINA

RUB

A warm base enriched by cold hues makes these boards perfectly in line with the taste of those looking for modernity without giving up on the welcoming warmth typical of wood.

MAX BOARD
6 x 228 x 1800 mm



Known as the “the Empty Quarter”, the Rub’ al-Khali is the largest sand desert in the world after the Sahara, home to extremely delicate and crystalline desert roses. A wide unexplored stretch of gravel and chalk where even the Bedouin barely touch the borders.

DÉCO INSPIRATION
RUB’ AL KHALI DESERT / ARABIAN PENINSULA

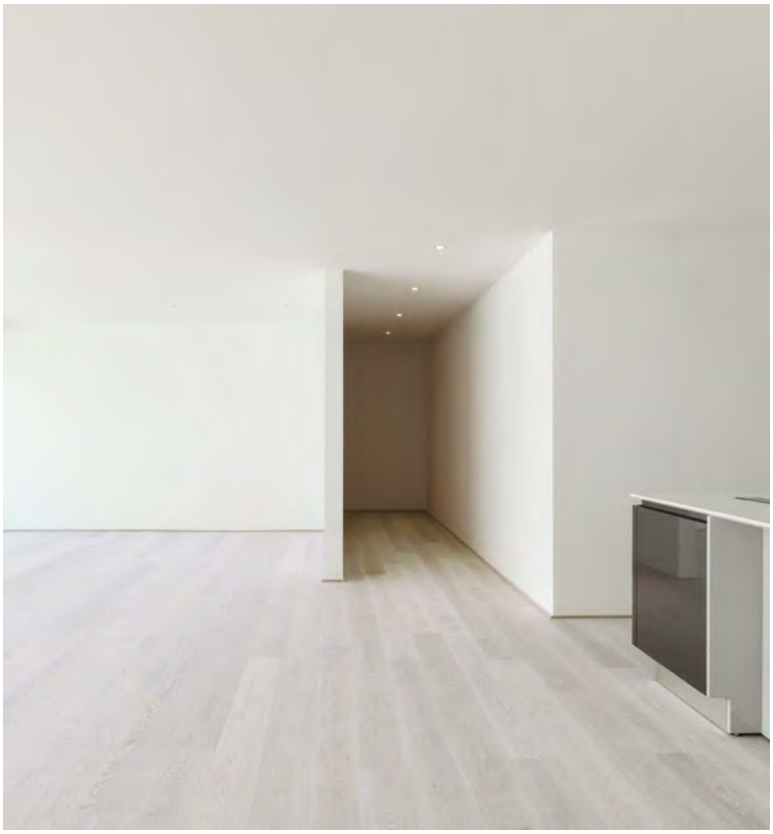
GOBI

The dark and deep colour of these boards is revealed perfectly to create a charming and refined atmosphere.

MAX BOARD
6 x 228 x 1800 mm

The Gobi desert is a vast, rocky expanse of Western Asia. Once an area rich in water and vegetation, legend has it that the passage of the impressive armies led by Genghis Khan, led to the transformation of this territory, once flourishing, into a rocky desert.

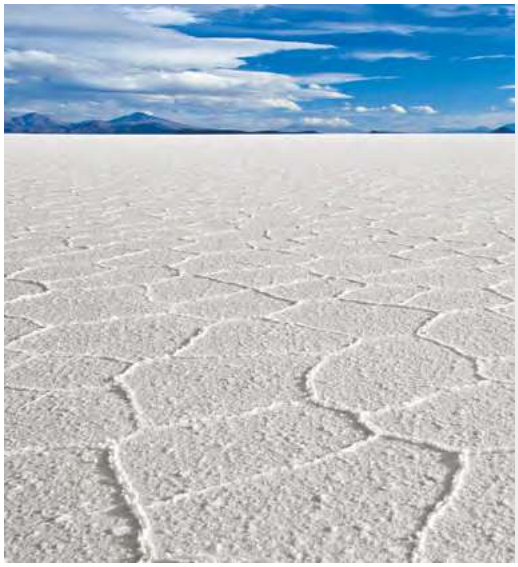
DÉCO INSPIRATION
GOBI DESERT / MONGOLIA



SALAR

Capable of giving light to any environment, the light and cool tones of the boards are able to transmit a strong sense of quiet and clearness.

MAX BOARD
6 x 228 x 1800 mm



Hidden between the mountains of southern Bolivia, the desert of the Salar was formed following the slow evaporation of a salted lake making it the magical place it is today: a very white never-ending stretch of land.

DÉCO INSPIRATION
SALAR DE UYUNI / BOLIVIA

NAMIB

Hues that vary from ivory to the colour sand, perfect to warm and lighten environments that are not very bright.

MAX BOARD
6 x 228 x 1800 mm

S BOARD
5 x 181 x 1220 mm

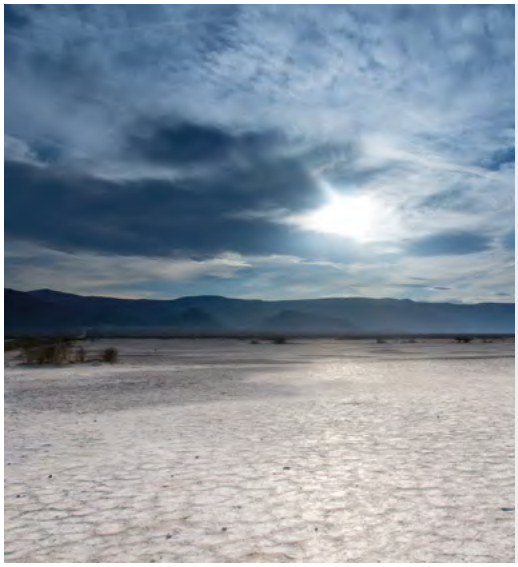
Considered to be one of the most ancient deserts in the world, the Namib crosses the entire coastal area of Namibia, from which it gets changing its morphology: from rocky desert to limitless extension of light sand.

DÉCO INSPIRATION
NAMIB DESERT / NAMIBIA

VEGAS

A beauty that asserts itself without abiding by the rules, capable of giving modernity and sophistication.

MAX BOARD
6 x 228 x 1800 mm



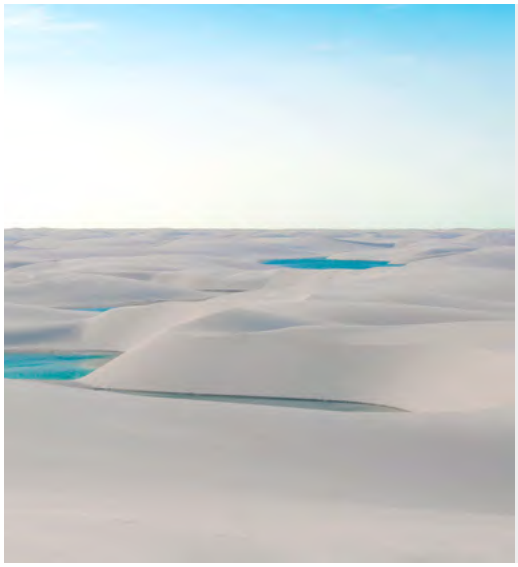
Observing the lavish fountains and waterworks of the casinos, it is hard to believe that Las Vegas, the city of a thousand lights, is actually immersed in a desert landscape of rare beauty.

DÉCO INSPIRATION
DEATH VALLEY / NEVADA, USA

MARAN

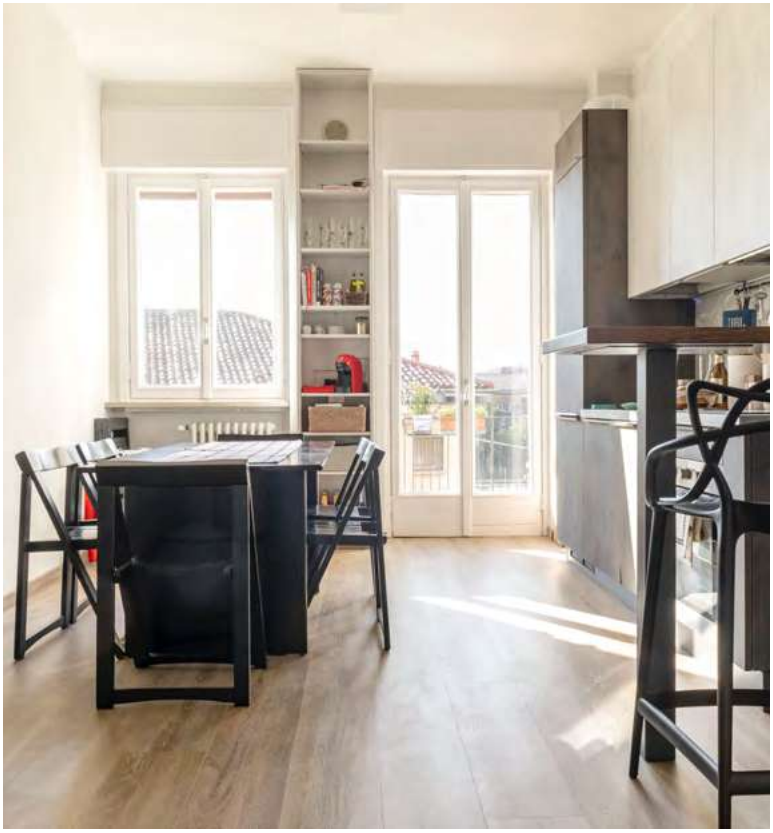
A discreet and sober aspect able to exercise magnetic charm precisely for its wonderful gentleness.

MAX BOARD
6 x 228 x 1800 mm



White sand dunes and lagoons of water: north-eastern Brazil is home to the fascinating and sinuous desert of the Lençóis Maranhenses, whose name means “bedsheets of Maranhão”, just like the dunes which, seen from above, resemble the drapery of the Renaissance painters.

DÉCO INSPIRATION
LENÇÓIS MARANHENSES / BRASILE



PATAGONIA

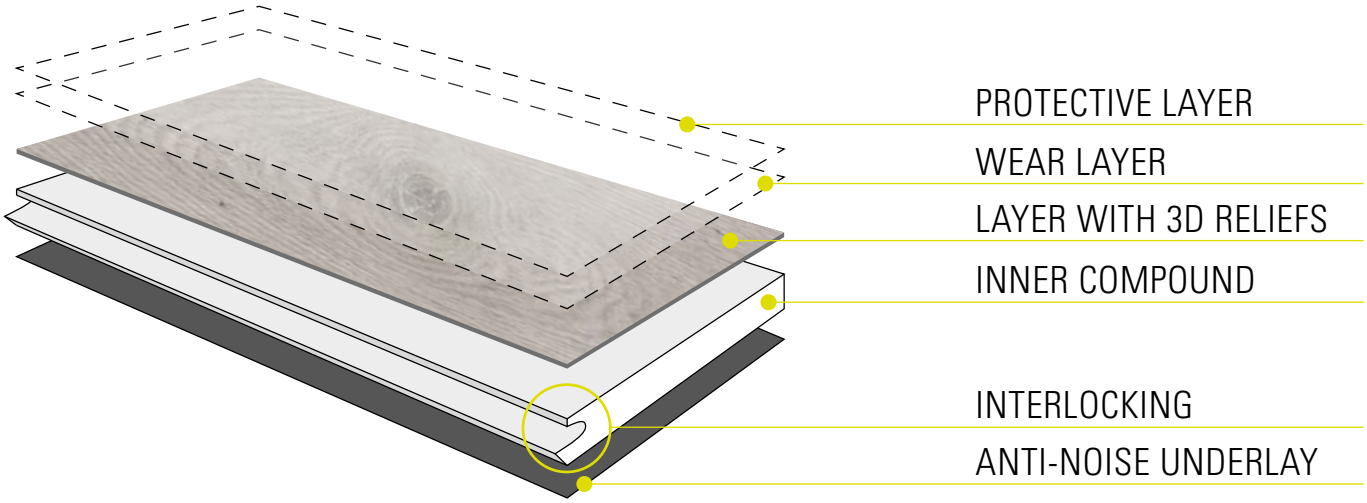
Indicator of taste and personality, the marked and evocative nuances are able to convey the determination of a strong personality at first glance.

MAX BOARD
6 x 228 x 1800 mm

In the heart of the desert of Patagonia, south of Argentina, one of the most beautiful, petrified forests in the world is hidden. Following colossal volcanic eruptions, the forests which were first found in the region were all completely buried under a layer of ashes and lava.

DÉCO INSPIRATION
PATAGONIAN DESERT / ARGENTINA

CLAP!3D
STRUCTURE



INTERLOCKING INSTALLATION SYSTEM

The innovative, patented, 5G interlocking system allows for quick installation, for immediate foot traffic, also over existing flooring and in furnished houses, without requiring glue and drying times.

CLAP!GO

VERSATILITY SQUARED

Eclectic, structured
and accessible.

The Clap!GO collection sets design creativity free offering a variety of sizes, wood and stone effect finishes and either wall or floor installation.


MILES REDD THE BIG BOOK OF CHIC

FOR WALLS AND FLOORS

The Clap!GO collection offers the possibility to achieve elegant chromatic references between horizontal and vertical surfaces.

Walls, niches, backs of bookcases and other vertical surfaces can be enhanced with the Clap!GO WALL trim and transformed in a design element in perfect harmony with the floor.

DOUBLE POSSIBILITY

Imagined to indulge the taste, demands and needs of a project, Clap!GO is presented in the formats:

Floor and Wall boards ▸ Wood effect
Maxi-Tile ▸ Stone effect


THE LITTLE BLACK JACKET
LISA CHANEY
COCO CHANEL

CLAP!GO COLLECTION
STONE EFFECT

Available in various chromatic nuances, the maxi-tiles with concrete effect complete the Clap!GO range with material textures inspired by natural stones.

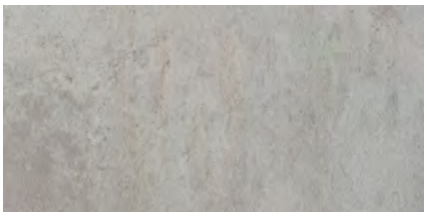
MAXI-TILE
940 x 465 x 6 mm

AMA

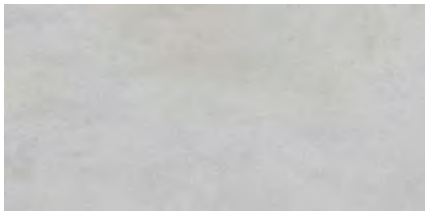
MONO

GERIA

KUN

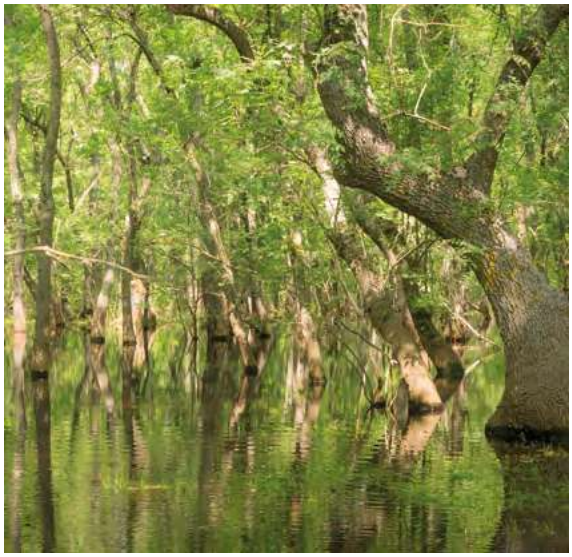


MIRI



CLAP!GO COLLECTION
WOOD EFFECT

Inspired by the earth's most evocative forests, the Clap!GO collection finishes cover a wide range of colours offering both warm and cool wood-effect tones.



FLOOR BOARD
1220 x 181 x 5 mm

WALL BOARD
1226 x 130 x 3 mm

STANTON

LETEA

CADDO

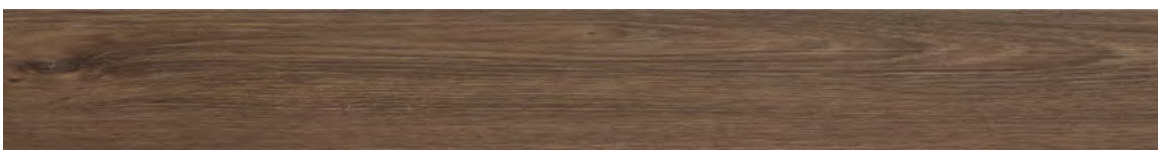
TSINGY

SEQUOIA

MAUI

SPINOSA

RATA



STANTON

Ideal for open and bright environments, a significant presence, not overwhelming, capable of warming the space welcoming it.

WOOD EFFECT

WALL BOARD
3 x 130 x 1226 mm

FLOOR BOARD
5 x 181 x 1220 mm

In Stanton Moor, in northern England, there are four mysterious stone circles. There are many legends surrounding the forest and its stones, almost all tied to the Druids and the worship of some ancient gods.

DÉCO INSPIRATION
STANTON MOOR FOREST / UNITED KINGDOM

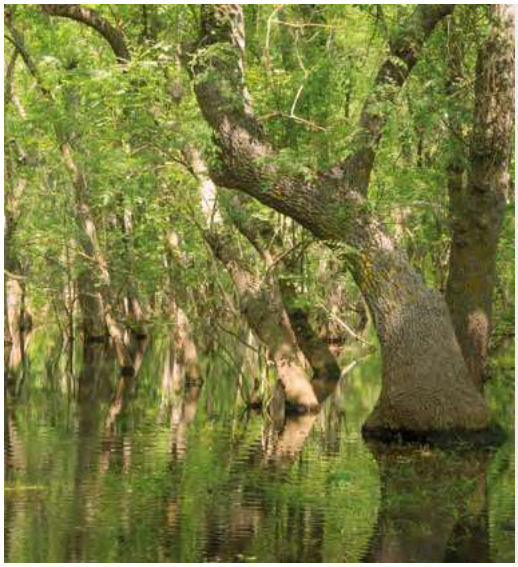
LETEA

WOOD EFFECT

A refined structure offers warm chromatic variations tone-on-tone which range from grey to okra.

WALL BOARD
3 x 130 x 1226 mm

FLOOR BOARD
5 x 181 x 1220 mm



With wild horses, vines, 700-year-old oak trees and sand dunes, Letea is the northernmost subtropical forest in the world. Far from the eyes and tourism itineraries, the forest hides many secrets carefully safeguarded.

DÉCO INSPIRATION
LETEA FOREST / ROMANIA

CADDO

The heat of the boards transforms into comfort, the space takes on unique characteristics and the environments are revived.

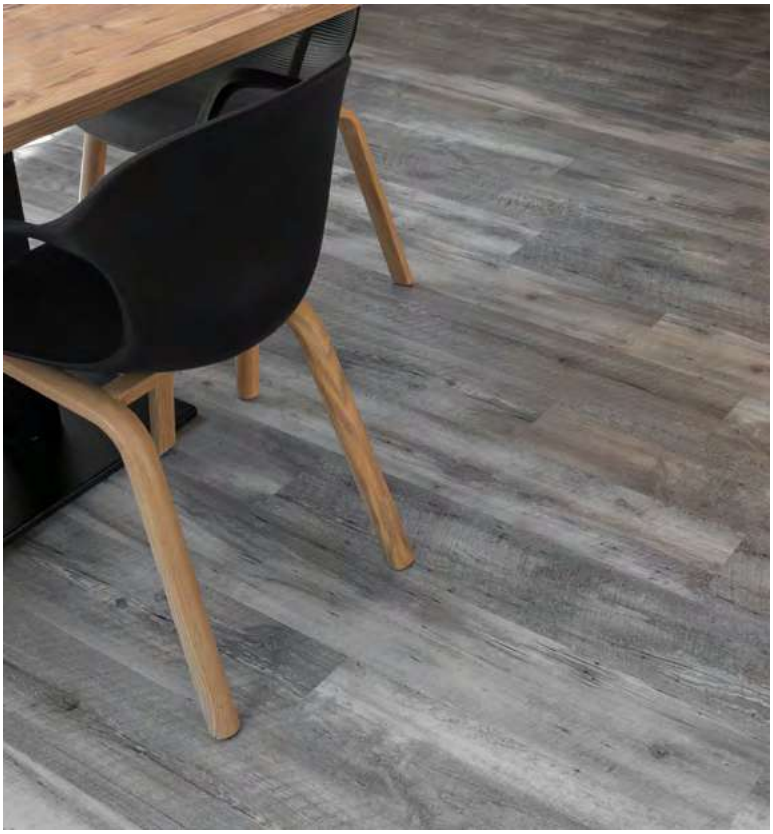
WOOD EFFECT

WALL BOARD
3 x 130 x 1226 mm

FLOOR BOARD
5 x 181 x 1220 mm

This charming labyrinth of waterways, swamps, islands, bays, canals and cypress forests dripping with Spanish moss, takes its name from the native Americans called Caddo Indians.

DÉCO INSPIRATION
CADDO FOREST / TEXAS, US



TSINGY

WOOD EFFECT

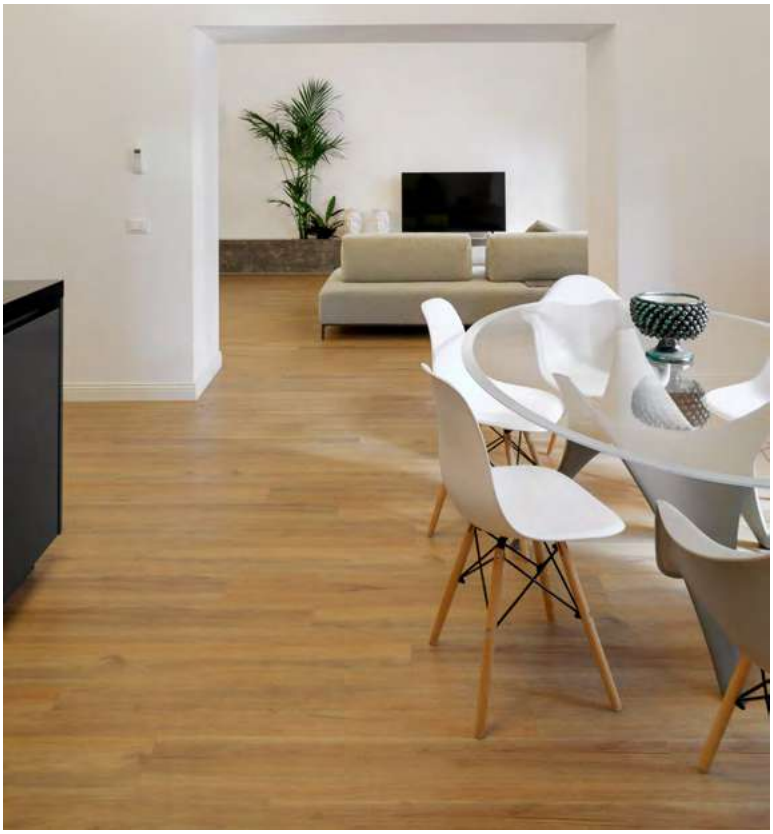
Strong personality for a product that is immediately recognisable and which conveys an evident past capable of becoming a protagonist.

WALL BOARD
3 x 130 x 1226 mm

FLOOR BOARD
5 x 181 x 1220 mm

In Malagasy, tsingy means ‘where you cannot walk barefoot’.
The Tsingy de Bemaraha nature reserve, UNESCO world heritage site, is the largest example of a tsingy forest on earth, including an actual limestone cathedral.

DÉCO INSPIRATION
TSINGY NATURE RESERVE / MADAGASCAR



SEQUOIA

The typical warmth of oak represented maintaining the main characteristics that make it unique and identifiable.

WOOD EFFECT

WALL BOARD
3 x 130 x 1226 mm

FLOOR BOARD
5 x 181 x 1220 mm

This dramatic landscape shows the dimensions, beauty and diversity of nature: enormous mountains, rocky hills, deep canyons, vast caves and the biggest trees in the world.

DÉCO INSPIRATION
SEQUOIA NATIONAL PARK / CALIFORNIA, US

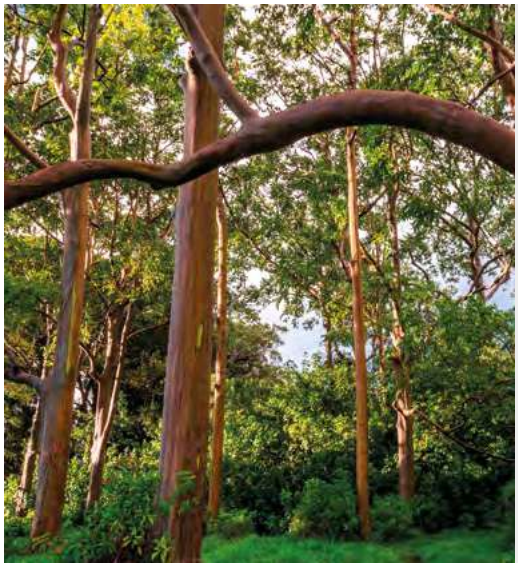
MAUI

WOOD EFFECT

A material depth never-before-seen made possible by the uniform distribution of elements lightened within the pattern.

WALL BOARD
3 x 130 x 1226 mm

FLOOR BOARD
5 x 181 x 1220 mm



It is difficult to believe one's eyes crossing this forest: along the way, you meet woods of rainbow eucalyptus, a very particular species of plant found only on this island in Hawaii.

DÉCO INSPIRATION
PAINTED FOREST / HAWAII, US

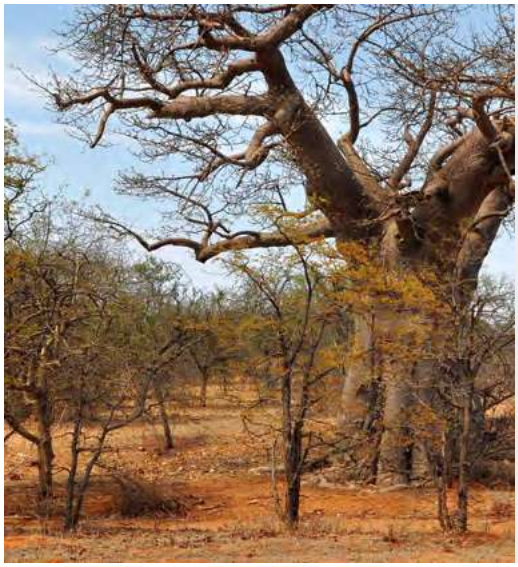
SPINOSA

Slender and balanced grains that evoke the reliability of the best Burmese teak, with honeyed and seductive colours.

WOOD EFFECT

WALL BOARD
3 x 130 x 1226 mm

FLOOR BOARD
5 x 181 x 1220 mm



The Spiny Forest is a unique place on earth. The vegetation includes a very particular fauna, developed thanks to the accentuated biodiversity. Various areas are found within the forest: the rainfall is erratic making the soil irregular and has led to many animal and vegetable species.

DÉCO INSPIRATION
SPINOSA FOREST / MADAGASCAR

RATA

An enveloping and significant presence that gives the space where it is included a serious and mellow taste.

WOOD EFFECT

WALL BOARD
3 x 130 x 1226 mm

FLOOR BOARD
5 x 181 x 1220 mm

The Rata is a tree typical of New Zealand, with a typical knobby development. This forest is found on the island of Enderby and is rich in trunks with strong knots, whose branches create a fairytale entanglement.

DÉCO INSPIRATION
RATA FOREST / NEW ZELAND

AMA

The measured and light tones of the stone convey an ideal composure for every context and type of environment.

STONE EFFECT

MAXI TILE
6 x 465 x 940 mm

Known as the Matterhorn of the Himalayas, Ama Dablam is a terrifying peak rising 6,856 metres high and is one of the most spectacular mountains in the world, in addition to a real dream for mountaineers.

DÉCO INSPIRATION
AMA DABLAM MOUNTAIN / NEPAL

GERIA

The austere look of Geria, motionless and essential at the same time, gives every space an unrivalled sense of taste and style.

STONE EFFECT

MAXI TILE
6 x 465 x 940 mm

‘Geria’ represents the conical hole dug in the volcanic gravel and bordered with rocks that makes it possible to retain the little water available. Thanks to this ingenious technique, in Lanzarote, an almost impossible feat takes place: vine is cultivated in the heart of a lava landscape.

DÉCO INSPIRATION
LA GERIA / LANZAROTE, SPAIN

MIRI

STONE EFFECT

An eclectic purity, suitable to various styles and personalities: the snowy-white, luminous shades of the Miri family greatly enhance both classic and modern interiors.

MAXI TILE
6 x 465 x 940 mm

The Gunung Mulu National Park in Miri in the Malaysian Borneo is an actual city of stone: grottos, tunnels and pinnacles of rock that look like skyscrapers. A natural environment with unparalleled charm.

DÉCO INSPIRATION
MIRI GUNGUNG MULU NATIONAL PARK / MALAYSIA

MONO

A dove-grey colour with shades ranging between beige and pink, perfect to give an environment a unique, subtle and delicate warmth.

STONE EFFECT

MAXI TILE
6 x 465 x 940 mm

Near the Greek city of Monodendri, grand rocks are found in an area named Stone Forest in their honour. Megalithic columns modelled by nature into actual sculptures: a miracle of stone.

DÉCO INSPIRATION
MONODENDRI STONE FOREST / GREECE

KUN

Ideal choice to give life to unique environments, with a simple and strong atmosphere. A neutral tone that goes very well with a minimal aesthetic.

STONE EFFECT

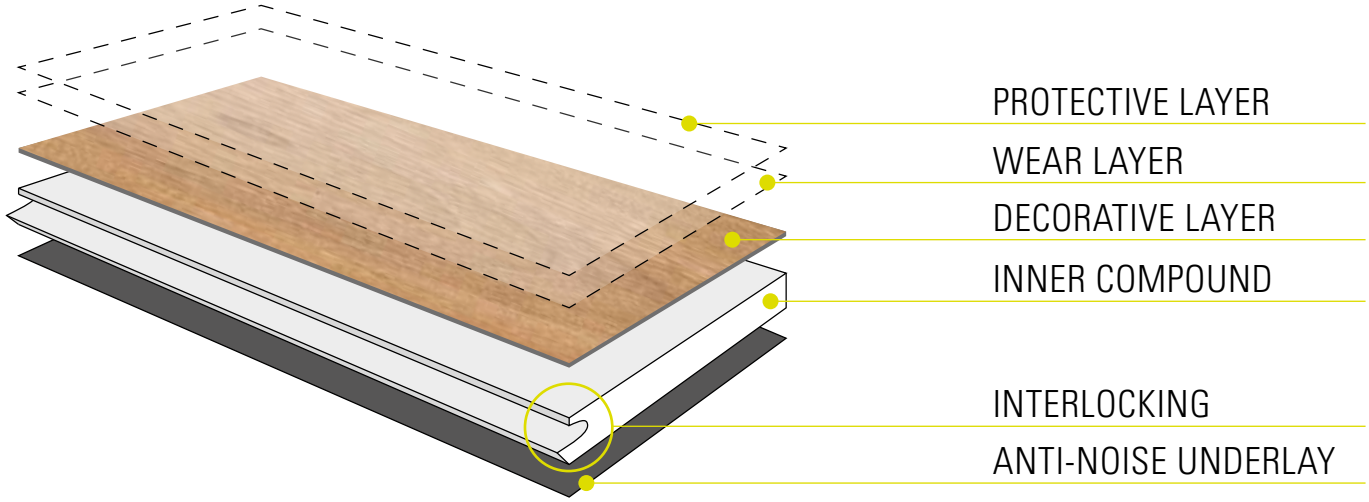
MAXI TILE
6 x 465 x 940 mm

In Southern China, near Kunming, enormous limestone formations rise toward the sky resembling very tall, stone trees. A sight so magnificent that the human eye has a hard time taking in.

DÉCO INSPIRATION
KUNMING SHILIN STONE FOREST / CHINA

CLAP!GO FLOOR WOOD EFFECT

STRUCTURE, SIZE, INSTALLATION SOLUTIONS



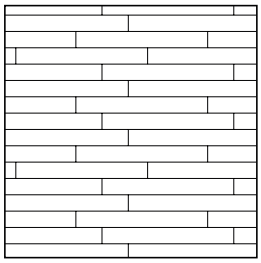
FLOOR BOARD

1220 x 181 x 5 mm

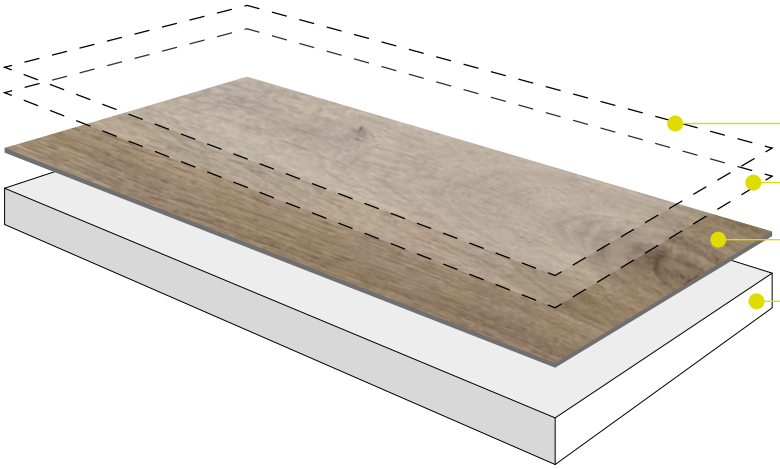
INTERLOCKING INSTALLATION SYSTEM

The innovative, patented Smart interlocking system allows for quick installation, for immediate foot traffic, also over existing flooring and in furnished houses, without requiring glue and drying times.

Classic layout for Floor Board with 30cm staggering

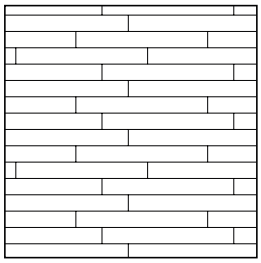


CLAP!GO WALL
WALL FORMAT
STRUCTURE, SIZE, INSTALLATION SOLUTIONS

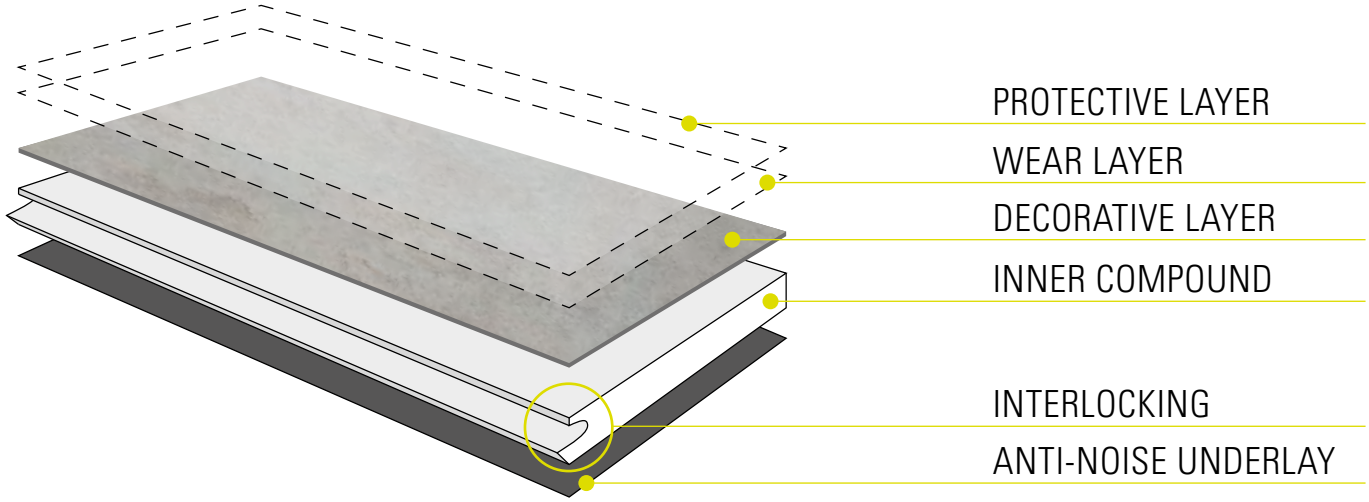


WALL BOARD
1226 x 130 x 3 mm

Free layout
for Wall Board



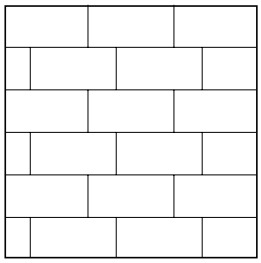
CLAP!GO MAXI TILE
STONE EFFECT
STRUCTURE, SIZE, INSTALLATION SOLUTIONS



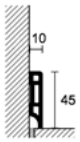
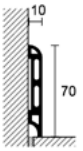
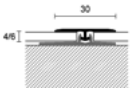
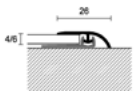
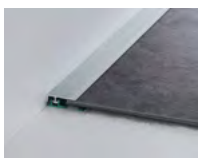
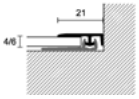
MAXI TILE
940 x 465 x 6 mm

INTERLOCKING INSTALLATION SYSTEM
The innovative, patented Smart interlocking system allows for quick installation, for immediate foot traffic, also over existing flooring and in furnished houses, without requiring glue and drying times.

Classic layout for Maxi tile with 30cm staggering

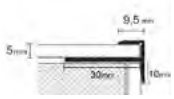


CLAP!
ACCESSORIES

	PRODUCT NAME	DIMENSIONS (mm)	SURFACE
BASEBOARD CLAP!REAL			
 	**Baseboard - Circular**	70x16x2500mm	white
BASEBOARD CLAP!3D			
 	**Baseboard - Circular**	70x16x2500mm	white / matching floor color
BASEBOARD CLAP!GO			
 	**Baseboard - Circular**	70x16x2500mm	white / matching floor color (WOOD AND STONE FINISHING)
 	**PVC Baseboard - Square**	45x10x2500mm	white (WOOD FINISHING)
 	**Baseboard - Circular**	70x10x2500mm	white / matching floor color (WOOD FINISHING)
 	**Baseboard Clip for 70x16mm Baseboard (optional)** **1 every 60cm**		white
 	**Junction Profile***	length 2700mm	anodized aluminum / matching floor color
 	**Connection Profile***	length 2700mm	anodized aluminum / matching floor color
 	**Closing Profile***	length 2700mm	anodized aluminum / matching floor color

*To be combined with an interlocking base to be compensated separately.

CLAP!
ACCESSORIES

	PRODUCT NAME	DIMENSIONS (mm)	SURFACE
 	**Stairs Profile**	length 2700mm	anodized aluminum
	**Clap!3D Step**	170x40x15mm length 1800 mm	-
	**Clap!GO Step** Floor	120x40x13,50 mm length 1800 mm	-
	**Clap!GO Step** Tiles	320x40x15 mm length 1800 mm	-
	Joint Base for Junction Profile	length 2700mm	green
	Joint Base for Closing and Connection Profile	length 2700mm	green
	Antistatic Intensive Clap! Cleaner	1 l	
	Antistatic Intensive Clap! Cleaner	5 l	
	Bicomponent Glue for Clap! Wall Yield 0,3-0,8 Kg/mq	10 kg comp.A + 1kg comp.B	

TECHNICAL DATA SHEET

CLAP!3D
TECHNICAL FEATURES

PHYSICAL FEATURES	NORMATIVE REFERENCE / TEST METOD	RESULTS CLASSIFICATION	CONCLUSION
Product type	/	Stone and polymer composit 5mm product + 1mm XPE underlay	
Board dimension	/	**Maxi Board:** 1800x228x6 mm **S Board:** 1220x181x5 mm **Pinna Fish:** 762x127x5,5 mm **Pinna B:** 1800x181x6 mm **Pinna C:** 1800x150x6 mm	
Wear layer	/	0,55 mm	
Intended use	/	Finishes, cladding, flooring	
Office Chair	EN 16511 / EN15468	> 25000 circles	Class 34, heavy commercial
Anti-slip	DIN 51130:2014-02	> R9 α: 11.0°	Anti slip resistance: R10
Slip Resistance	D.M 14 june 1989 n.236/ B.C.R.A. Method D.M 14 june 1989 n.236	Leather on dry surface: 0.44 μ Rubber on wet surface: 0.60 μ	Passed
Reaction to fire	EN 14041/ "EN 13501-1: 2007 + A1: 2009	B_{fl} - s1 Smoke ≤750% minutes	Bfl-s1
Emissions of formaldehyde	EN 14041 / EN 717-1: 2004	Not detected (<MDL) MDL = 0.080 mg/m3	Class E1
Phtalato Content	EN 14372	Not detected	Passed
Water absorption	EN 16511 / ISO 24336	0.20%	Class 34, heavy commercial
All tested SVHCs (174 articles) regarding achievement	Regolamento Europeo No. 1907/2006/Spectometria e Cromatografia	Not detected (lower than RL) RL = Signaling limit RL (%) 0.005	in accordance with the regulations
PCP content	EN 14041 / EN 12673	Not detected (<MDL) MDL < 1ppm	Passed
Lead content	CPSIA / CPSC-CH-E1002-08.3	Not detected (<MDL) MDL < 90ppm	Meet children toy regulation
Color stability in artificial light	EN 13329 / ISO 105-B02:2014	> Grado 6	Passed
Analysis of VOC (Volatile Organic Compounds) content	Decreto No2011-321 FloorScore / ISO 1600 / CALIFORNIAN 01350	Not detected	A+

CLAP!3D

TECHNICAL FEATURES

PHYSICAL FEATURES	NORMATIVE REFERENCE / TEST METOD	RESULTS CLASSIFICATION	CONCLUSION
Dimensional stability and curling	EN 16511 / EN ISO 23999: 2012	Curling = 0,03mm Dimensional change: parallel 0,08 %; Perpendicular -0,02 %	Class 34, heavy commercial
Heat Resistance	EN 14041 / EN ISO 10456	0.030 (m^2K)/W	suitable for underflooring heating system - max 27°C
Thermal conductivity	EN 14041 / EN 12667	0.126 W/(m.k)	suitable for underflooring heating system - max 27°C
Cleanability: resistance to stains	EN 16511 / EN 438-2:2005	No visible change after 10 minutes in contact with acetone, coffee, hydrogen peroxide, shoe polish	Class 34, heavy commercial
Scratch resistance	ISO 1518-1	3000g	Passed
Resistance to abrasion	EN ISO 24345	lenght direction: 125 N/50mm width direction: 140 N/50 mm	Passed
Degree of abrasion resistance	UNI EN 13329:2017 / UNI EN 15185:2011	"IP" Initial wear point > 8500 Rotazioni	Abrasion resistance class: AC6
Degree of wear resistance	EN16511 / EN15468	0.55 mm wear layer ≥ 5000 cycles	Class 23 / Class 31
Residual indentation	EN 16511 / EN 433/ISO 24343-1	0.02	Class 34, heavy commercial
Impact resistance	EN 16511 / EN 13329	> 1800mm	Class 34, heavy commercial
Weighted improvement of impact soundinsulation	ISO 10140-3.2021 / ISO 717 - 2:2020	17 dB CiΔ = -10dB	
Locking strenght	EN 16511 / ISO 24334	Long side: 4.9 KN/m Short side: 4.2 KN/m	Class 34, heavy commercial
Body Voltage	EN 1815:2016 Metod A	0.4 KV	Passed

The technical data can be changed without prior notice.

CLAP!GO
TECHNICAL FEATURES

PHYSICAL FEATURES	NORMATIVE REFERENCE / TEST METOD	RESULTS CLASSIFICATION	CONCLUSION
Product Type	/	SPC (Stone Polymer Composit) 4 mm product + 1mm underlay in XPE	
Dimensions	/	**Board Floor:** 1220 x 181 x 5 mm **Board Wall:** 1226 x 130 x 3 mm **Tiles:** 940 x 465 x 6 mm	
Wear layer	/	0,55 mm	
Intended use	/	Finishes, cladding, flooring	
Office Chair	EN 16511 / EN15468	> 25000 circles	Class 34, heavy commercial
Anti-slip	DIN 51130:2014-02	> R9 α: 11.0°	Anti slip resistance: R10
Slip Resistance	D.M 14 giugno 1989 n.236/ "Metodo B.C.R.A. del D.M 14 giugno 1989 n.236"	Leather on dry surface: 0.44 μ Rubber on wet surface: 0.61 μ	Passed
Reaction to fire	EN 14041/ "EN 13501-1: 2007 + A1: 2009	Bfl-s1 Smoke ≤ 750% minutes	Bfl-s1
Emissions of formaldehyde	EN 14041 / EN 717-1: 2004	Not detected (<MDL) MDL = 0.005 mg/m^3	Class E1
Phtalato Content	EN 14372	Not detected	Passed
Water absorption	EN 16511 / ISO 24336	0.20%	Class 34, heavy commercial
All tested SVHCs (174 articles) regarding achievement	Regolamento Europeo No. 1907/2006/Spectometria e Cromatografia	Not detected (lower than RL) RL = Signaling limit RL (%) = 0.1	In accordance with the regulations
PCP Content	EN 14041 / EN 12673	Not detected (<MDL) MDL < 1ppm	Passed
Lead Content	CPSIA / CPSC-CH-E1002-08.3	Not detected (<MDL) MDL < 90ppm	Meet children toy regulation
Colour stability in artificial light	EN 13329 / ISO 105-B02:2014	> Grade 6	Passed
Analysis of VOC content (Volatile Organic Compounds)	Decreto No2011-321 FloorScore / ISO 1600 / CALIFORNIAN 01350	Not detected	A+

CLAP!GO
TECHNICAL FEATURES

PHYSICAL FEATURES	NORMATIVE REFERENCE / TEST METOD	RESULTS CLASSIFICATION	CONCLUSION
Dimensional stability and curling	EN 16511 / EN ISO 23999: 2012	Curling = 0,03mm Dimensional change: parallel 0,08 %; Perpendicular -0,02 %	Class 34, heavy commercial
Heat Resistance	EN 14041 / EN ISO 10456	0.030 (m^2K)/W	Suitable for underflooring heating system - max 27°C
Thermal conductivity	EN 14041 / EN 12667	0.126 W/(m.k)	suitable for underflooring heating system - max 27°C
Cleanability: resistance to stains	EN 16511 / EN 438-2:2005	No visible change after 10 minutes in contact with acetone, coffee, hydrogen peroxide, shoe polish	Class 34, heavy commercial
Scratch resistance	ISO 1518-1	3000g	Passed
Resistance to abrasion	EN ISO 24345	lenght direction: 125 N/50mm width direction: 140 N/50 mm	Passed
Degree of abrasion resistance	UNI EN 13329:2017 / UNI EN 15185:2011	"IP" initial wear point > 8500 Rotazioni	Abrasion resistance class: AC6
Degree of wear resistance	EN16511 / EN15468	0.55 mm wear layer ≥ 5000 cycles	Class 23 / Class 31
Residual indentation	EN 16511 / EN 433/ISO 24343-1	0.02	Class 34, heavy commercial
Impact resistance	EN 16511 / EN 13329	> 1800mm	Class 34, heavy commercial
Weighted improvement of impact soundinsulation	ISO 10140-3.2021 / ISO 717 - 2:2020	17 dB CiΔ = -10dB	
Locking strenght	EN 16511 / ISO 24334	Long side: 4.9 KN/m Short side: 4.2 KN/m	Class 34, heavy commercial
Body Voltage	EN 1815:2016 Metodo A	0.4 KV	Passed

The technical data can be changed without prior notice.

CLAP!REAL
TECHNICAL FEATURES

PHYSICAL FEATURES	NORMATIVE REFERENCE	RESULTS CLASSIFICATION
Product Type	/	0.6 mm natural wood + composite core of mineral and polymer powder 5mm product + 1mm XPE mat
Board dimension	/	1900x190x6 mm Please note that each Clap!REAL package contains one 129 mm and one 61 mm long stave.
Usage Class	EN14354:2017	Class 23/31, suitable for intensive residential use
Intended use	/	Finishes, cladding, flooring
Swelling thickness in water	ISO 24336:2005	1,1% Class 33
Dent resistance	EN 1534:2010	37N/mm2, Class 31
Wear resistance	EN 14354 Annesso D	1900 cycles, Class 31
Locking strenght	ISO 24334:2014	Long side: 7.0 KN/m Short side: 16.7 KN/m Class 33
Body Voltage	EN 1815:2016 Metodo A	0.2 KV
Thermal conductivity and thermal resistance	EN 12667:2001	Thermal conductivity: 0.170(W/m·K) Thermal resistance: 0,049 (m2·K)/W
VOC emissions	ISO 16000	A+
Phthalate emissions		Not detected, passed
Formaldeide emissions	EN 717-1	E1
Reaction to fire	EN 13501-1	CfIS1
PCP Content	CEN/TR 14823	Not detected, passed
SVHCS		Not detected, passed

CLAP!REAL
TECHNICAL FEATURES

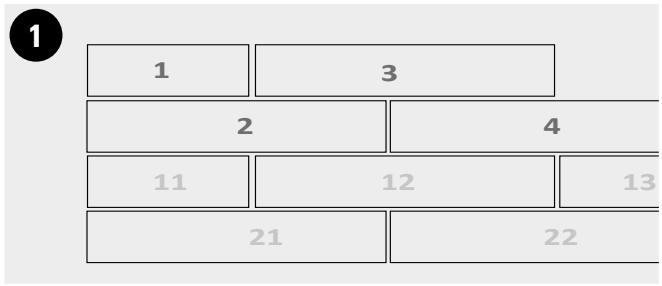
PHYSICAL FEATURES	RIFERIMENTO NORMATIVO	CLASSIFICAZIONE RISULTATI
Dimensional Stability	EN ISO 23999:2012, 70°C	<0.25%, Passed
Slip resistance	CEN/TS 15676	DS
Adhesion of the laquer - Cross cut test	EN 14354:2017 Annex F	Class 2
Internal bond of the substrate	EN 319:1993	Qualified
Surface soundness	EN 13329:2016 Annex D	Qualified
Elasticity	EN 14354:2017 Annex C	EC 3, Class 33

Technical dara may undergo changes without prior notice, please refer to the product catalogue.

INSTALLATION GUIDELINES

CLAP!GO - CLAP!3D S

The following instructions are indicative, for more informations refer to the indications at the end of the section.



ESTABLISH STAGGER AND ALLIGN TOOLS

Each Clap! format must be installed with a staggered installation. Planks and maxi-tiles must be installed in bricklaid pattern, stagger equal to 30cm. Tools needed: planks, spacers, soft-faced hammer, spacers and tapping block.

PREPARE FLOOR

The ground must be perfectly shaved and coplanar. On existing floors with grout lines, mount them oblique to the grout lines themselves.
In the event of not-calibration > 1mm, shave the ground or use self-leveling.

INSTALL FIRST PLANK

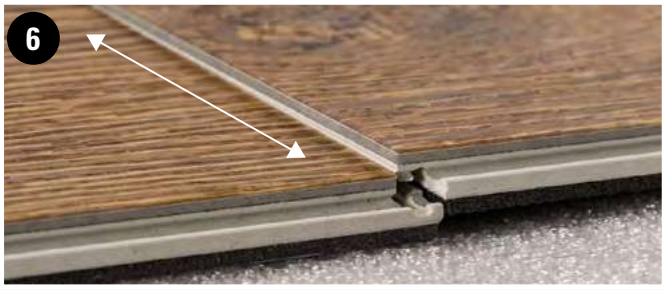
It's very important that the first row is installed straight, keeping the right distance from the wall. To do this, installation alternates back and forth between rows one and two, for the first two rows. Start with a small plank (1) and position it close to the wall.

INSTALL SECOND PLANK

Now select a long plank (2). Using the U-click angle system, angle the long side of plank 2 onto the long side of plank 1. Drop plank 2 to lock. Make sure not to make gaps, using a rubber mallet to beat on the long side.

ENGAGE THIRD PLANK ON LONG SIDE

Take another long plank (3). Repeating the previous step, insert the long side of plank 3 into the long side of plank 2. Then slide plank 3 to your left until the short side is in contact with the short side of plank 1.



ENGAGE THIRD PLANK ON SHORT SIDE - 1

Using the patended lock system, drop the short side of plank 3 onto the short side of plank 1.

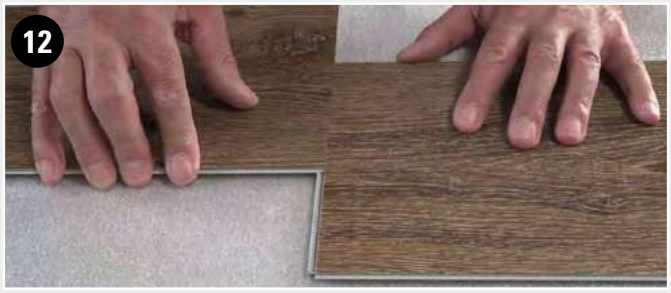
ENGAGE THIRD PLANK ON SHORT SIDE - 2
Using a soft-faced hammer slightly tap the joints on the short side to secure. This ensures 3x locking.

INSTALLATION FROM FOURTH PLANK ONWARDS
For the next rows, installation does not require alternating rows. Install one row after the other by starting with angling the long side, until the short sides are in contact.

SECURING PLANKS
As you go, don't forget to use a soft-faced hammer on the short sides to secure the locking.

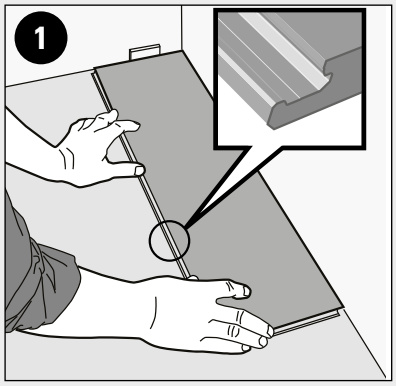
FINALIZE FLOOR
Finished? Remove spacers and cover gaps with a trim.

DISASSEMBLING LONG SIDE
Wish to disassemble? Lift up the entire row, in the same angle as you did during installation, then slide apart the rows.

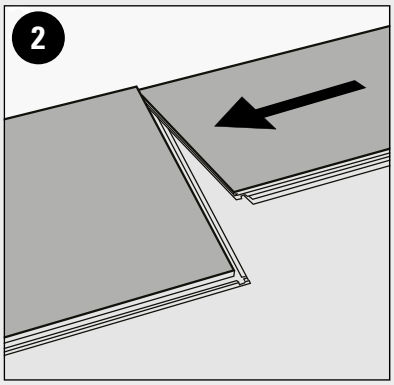


DISASSEMBLING SHORT SIDE
Disassemble the row by sliding apart the planks on the short side.

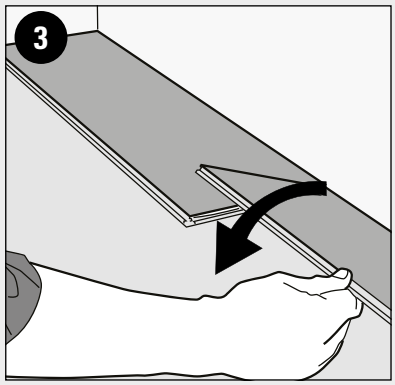
FIRST ROW



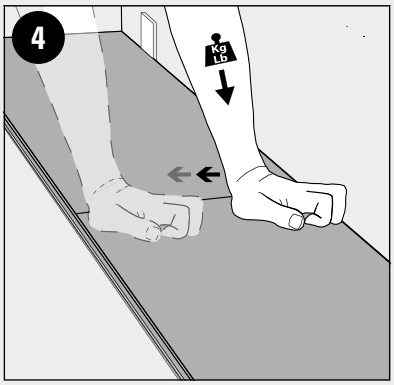
FIRST PLANK
Place the 15 mm spacer on the left and place the plank close to the wall but not against it.
Then, after fitting three rows you can move the floor against the front wall while maintaining the planned perimeter distances.



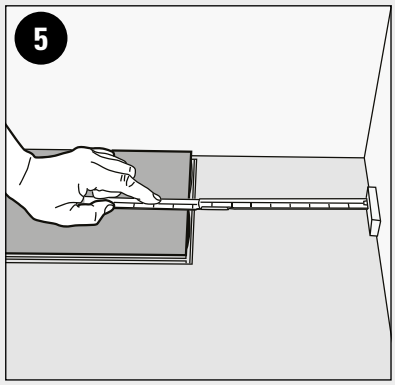
SECOND PLANK
Tilt the second stave horizontally and position it close to the short side of the first stave.



SECOND PLANK
It is important to start the jointing phase from the corner closest to the previous stave, then lower the stave to match the opposite corner as well. While tilting the stave down, make sure that the heads of the staves are in contact with each other.

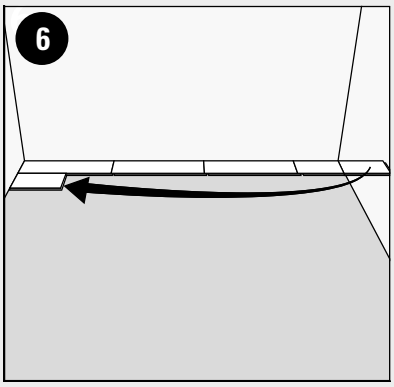


SECOND PLANK
Next, apply pressure on the short side of the newly installed stave. you can tap with a rubber mallet using a stave trim to distribute the pressure of the impact.

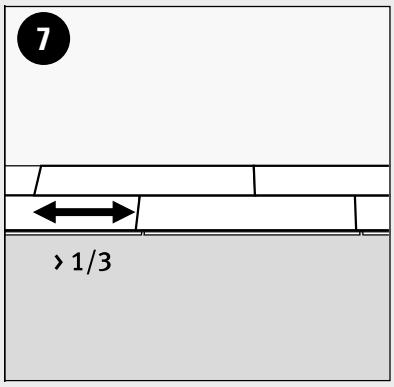


SECOND PLANK
At the end of the first row, place a spacer on the wall and measure the missing space.
Cut the last stave to size.

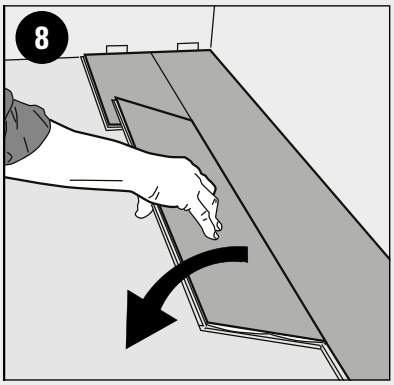
SECOND ROW



FIRST PLANK
Place the spacer on the left and place the stave close to the wall. The first stave of the second row must measure at least 400 mm.

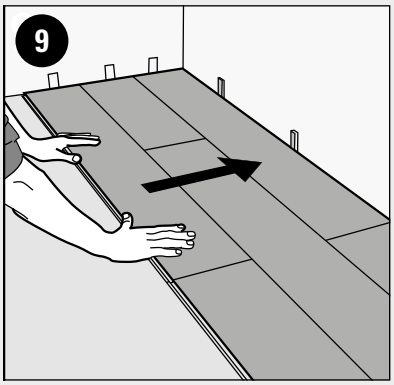


FIRST PLANK
Stagger the staves, maintaining a distance between the short sides of the staves in parallel rows of not less than 1/3 of the length of the whole stave.



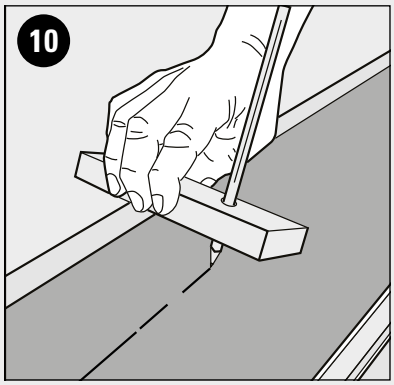
SECOND PLANK
Position the second plank and interlock it to the first along the short side.

AFTER 2-3 ROWS



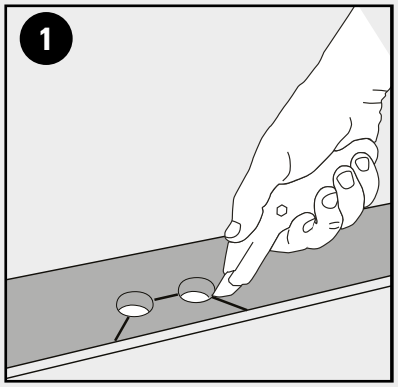
Push the installed planks towards the front wall on which the 15mm spacers were previously positioned.

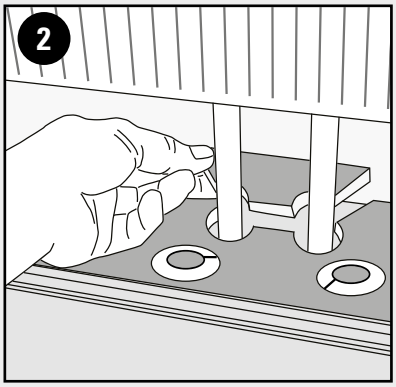
LAST ROW



Place a spacer and measure the width of the surface to be covered. Cut the slats to size making sure you never have slats less than 50mm wide.

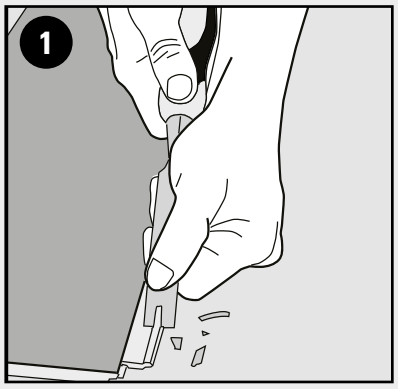
INSTALLATION AROUND RADIATOR / HEATING PIPES

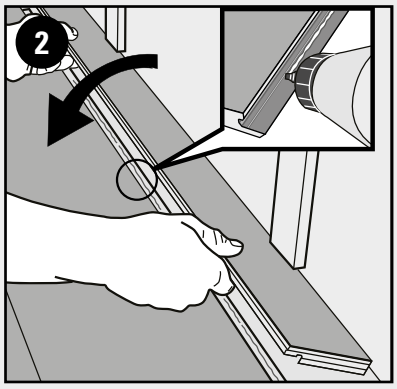




Drill holes at least 15 mm wide in relation to the diameter of the pipes. Remove a small section of stave in order to position the stave. Cover the remaining space behind the pipes with the section removed earlier.

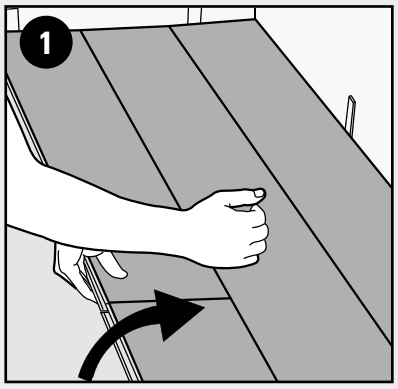
WHEN ANGLING IS NOT POSSIBLE



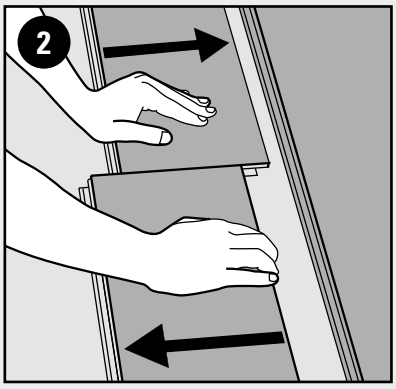


Place spacers between the last plank and the wall.
Remove the protruding portion of the joint from the long side of the plank already installed, apply glue to the joint and press the two planks horizontally together.

REMOVE A PLANK

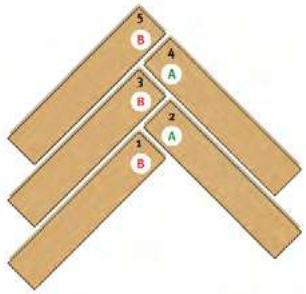


Lift the entire row by carefully tilting it upwards. Slide up the long side.

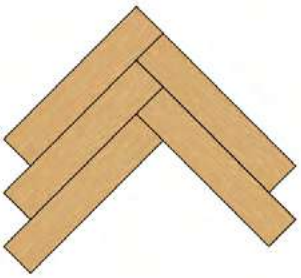


Disassemble the individual slats by sliding them along the short side.

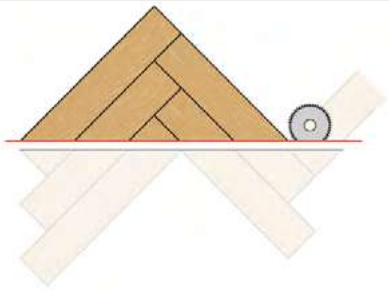
1



BUILD STARTING TRIANGLES
Take B-strips and A-strips and position them as shown above. Note! The number of strips varies depending on the width of the strips used.

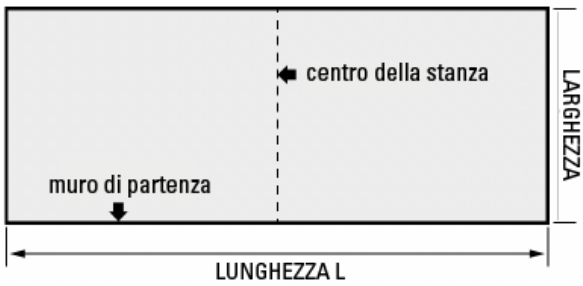


Install the strips precisely and in the order indicated by the numbers on the strips. Carefully check the joints between the strips after every strip that is added. Note! No protruding edge may be felt!



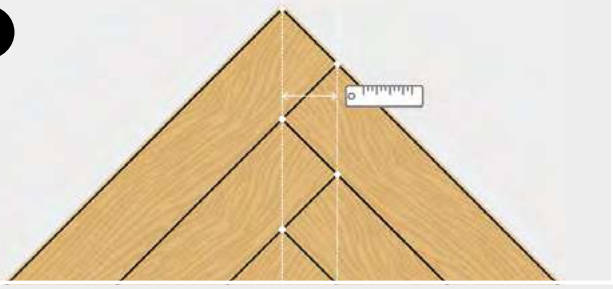
Cut the triangle according to the indicated red line. Depending on the kind of saw you use, it may be useful to dismantle the triangle before sawing. Note! The excess (below the line) is to be saved for last row installation.

2

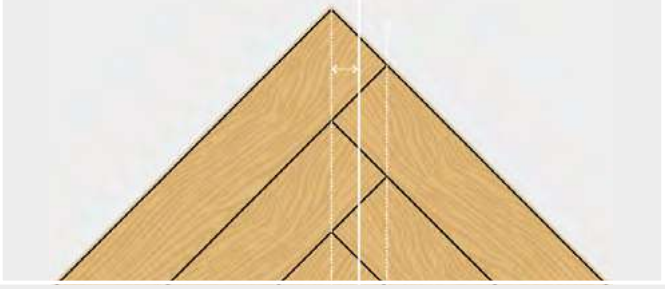


MEASURING THE ROOM
Define the wall from where you intend to start the installation. Mark out the center of the room.

3

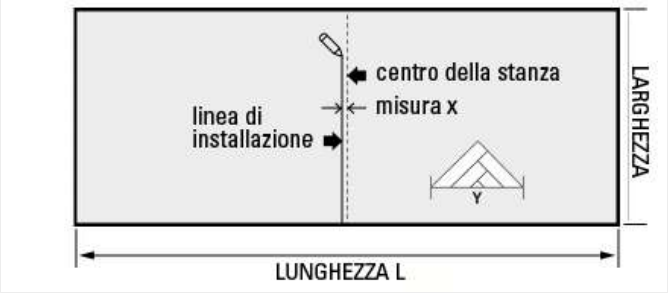


CALCULATING THE NUMBER OF TRIANGLES
Measure the distance between the two straight lines, originating from the corners of the strips.



Divide this number by two, and get the X measurement.

CLAP!3D
HERRINGBONE INSTALLATION

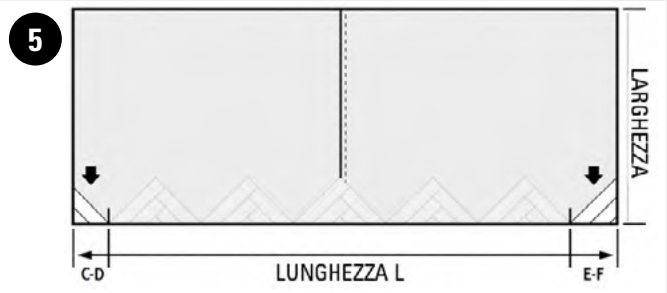


Drawing the installation line. Start from the center of the room. Parallel offset the line using the X measurement as distance.

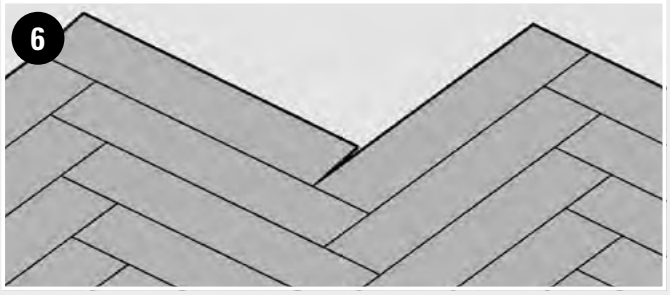
$$\frac{L + X}{Y} = \text{quantità}$$

Calculate the number of needed starting triangles with the formula to the left. Note! Round up to the next full number.

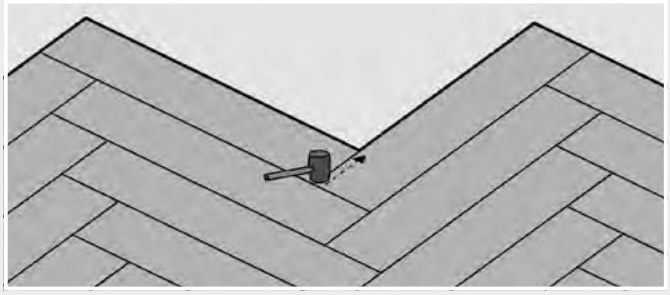
START INSTALLATION
Lay out the triangles with their long side towards the starting wall. Align the center triangle top with the installation line. Make sure the underlay material is installed beforehand and the installation line remains visible.
Note! Use expansion wedges for the expansion gap.



FINALISING THE START ROW
Now cut the distances C-D and E-F from the remaining triangle(s), and position them.
Note! In case you have calculated and built an uneven number of triangles, leave the outer two triangles aside. For the case that you have built an even number of triangles, lay one aside.

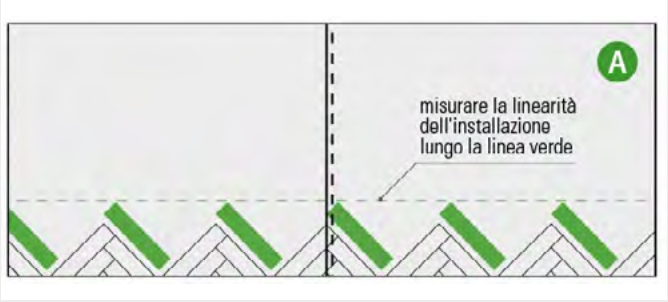


FURTHER INSTALLATION OF PATTERN
The boards need to be locked into one another, using the 5Gi system. To connect a new board you have to use a rubber hammer.

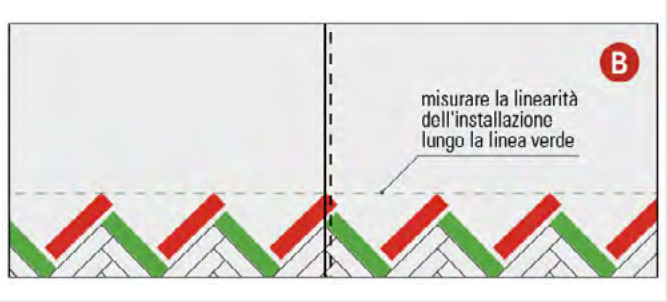


Use a rubber hammer and slightly knock at the 5Gi system to connect the short side. Start in the corner and work towards the end of the board.

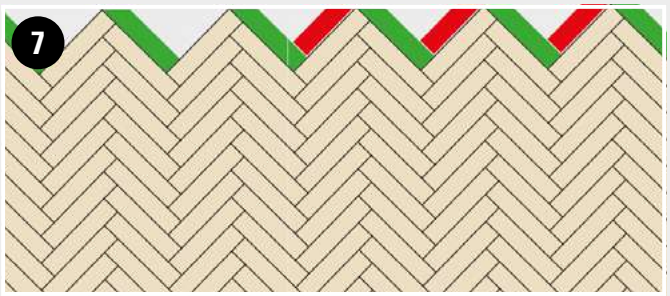
CLAP!3D
HERRINGBONE INSTALLATION



Install A-strips to connect all triangles.The joints between the A-strip and the triangle need to be checked very carefully. No protruding edge may be felt! Cut the most left piece to fit into the room, concidering an expansion gap. Measure the straightness of the installation along the green line. Repeat that measuring with the straightedge progressively throughout the installation. Deviations need to be corrected, should they occur (see schematics below).



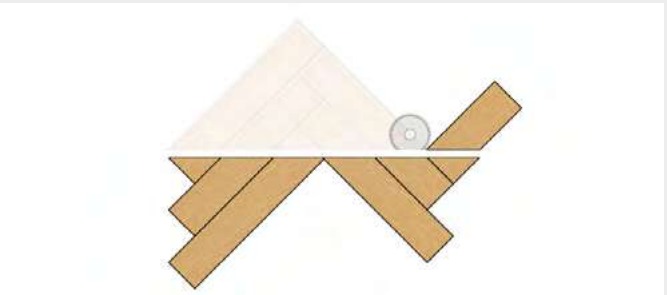
Now install B- strips and cut the most right piece to size.



LAST ROW INSTALLATION

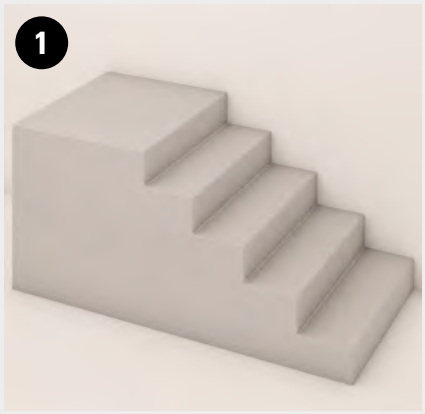
This alternating installation of A-strips and B-strips continues throughout the whole room.
It is important to check frequently that:
- all expansion wedges remain in their position.
- all joints are closed and the strips are locked into one another.
- you follow the installation line.
- the tops of the strips in one line remain straight and perpendicular to the installation line.

Note! Measure approx every fifth row.

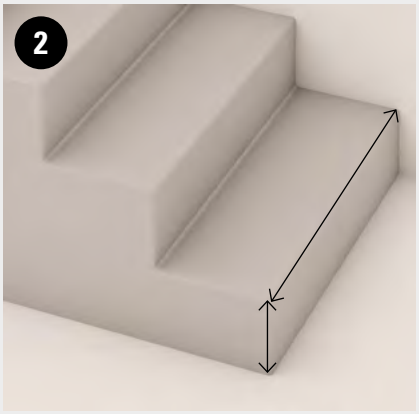


Excess pieces from starting triangles:
Dismantle the exess material from the starting triangles. Use it to close the open gaps to the finishing wall. Use the leftover from strips 1, 2 etc. consecutively and cut to size if necessary.

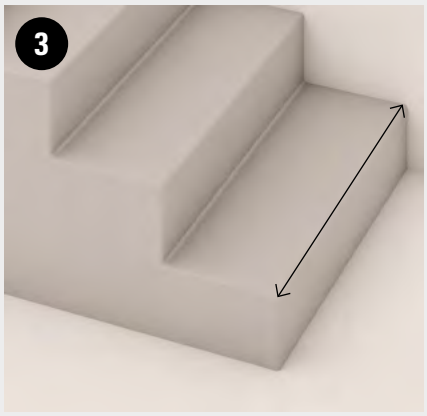
CLAP! STEP
INSTALLATION GUIDELINES



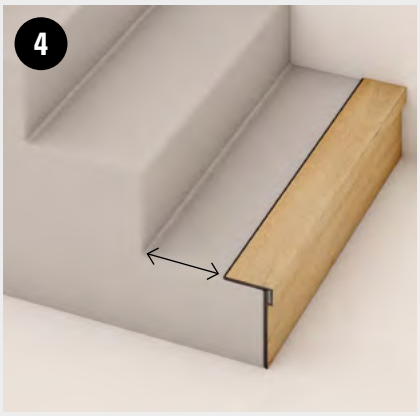
Check the steps to be coated, their surface must be smooth, flat, dry and free of dust.



Measure the height and length of the first rise of the step to be covered. Cut a plank of Clap! to size to cover the rise.

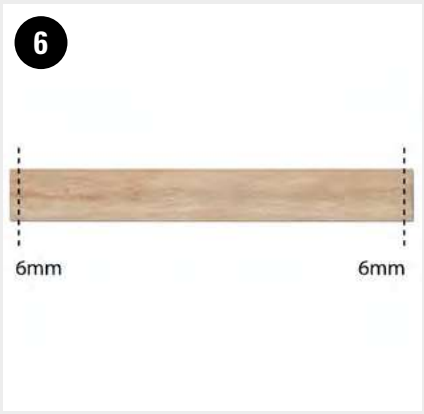


Measure the width of the stairway and cut the Clap!Step profile to length according to the measurement obtained.

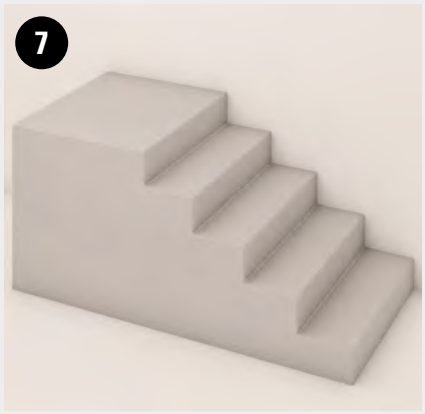


Lay the previously trimmed staves to the step and measure the uncovered part of the tread.

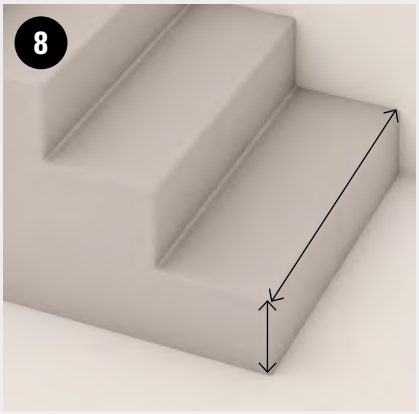
Using a drill fitted with a brush tip with metal teeth, remove the mat from the planks in order to ensure a better hold of the glue.



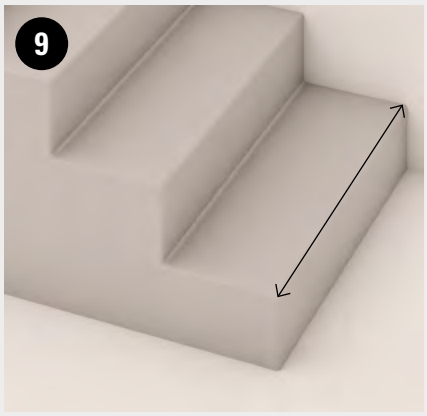
When cutting, always ensure that you leave at least 6mm per side along the length of the staves. For example:
stair width 1m--> stave width 0.988 m



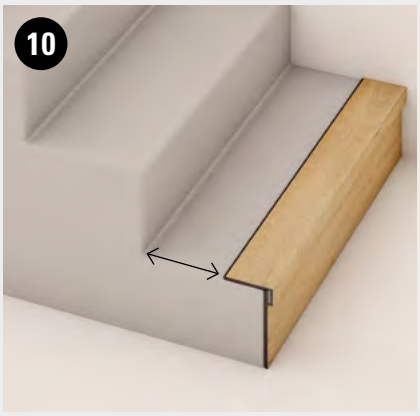
Spread a generous amount of glue on the back of the staves, proceed first with gluing the vertical riser.



Proceed, taking care to always leave 6 mm of air along the edges of the step, then glue the Calp!Step product and complete the step by fitting and gluing the tread trim.



Complete the step by fitting and gluing the tread trim.



Continue with the remaining steps, repeating the operations described above.
Note:
For landings with treads with more than two staves, glue only the Clap!Step profile, the subsequent staves must be laid floating.

CLAP!
INSTALLATION GUIDELINES

1. REQUIREMENTS FOR PROPER INSTALLATION

• Each application and installation is different, so we strongly recommend that the customer contact an authorized dealer/ installer to verify the requirements for proper installation and operation of the material.
The owner assumes responsibility for complying with all building codes.
•The environmental humidity of the rooms must be controlled and not exceed 60%. At the same time, the installation surface must follow local requirements regarding rising humidity, particularly concerning installation on screed or existing flooring in underground rooms, basements and ground floors, the use of a vapour barrier is always mandatory. Although this floor is water-resistant, it is not to be used as a vapour barrier against moisture. The subfloor must be dry (maximum 2.5% moisture content - CM method excluding the cases below below).
•The screed's residual humidity must be determined by measuring with a carbide hygrometer, as provided for by UNI 10329, carried out by a company specialised in the installation of wall coverings before installing, and the overall the thickness must be:
- ≤ 2% in the case of concrete or special binding screeds, (≤ 1.7% for heating/cooling screeds),
- ≤ 0.5% in the case of calcium sulphate screeds (anhydrite) (≤ 0.2% for heating/cooling screeds).
• Substrates must be fully cured; the time required for this condition depends on the type of material and thickness with which they are made.
•The thickness of the screed above through pipes must be at least 3 cm.
• Clap! is perfect for any indoor setting, meaning rooms with four walls and a ceiling. For external areas, pergolas, sliding covering systems, outdoor dining and terrace areas with glass windows, we recommend using Déco products for the outdoors.
• During Clap! installation, all windows, doors, etc. to the outside must be installed and the indoor areas as ready-for-use as possible.
•The installation and use temperature should be between 15°- 30° degrees for the substrate, corresponding to about 18°-30°C room temperature.
•The installation surface must be flat, rigid, clean and dry. Clap! flooring must follow the form of the surface on which it is installed, but it will be able to hide small imperfections like small gaps between tiles (max 9mm in width and 3mm in depth) thanks to the hardness ensured by the central layer
• Clap! flooring will follow the shape of the surfaces on which it is installed, but it will manage to hide small imperfections such as small gaps between tiles (max 9mm wide and 3mm deep) thanks to the rigidity provided by the middle layer. Always check, however, that the joint does not fall on the joint; if it does, it will be necessary to fill such gaps with joint filler; there are also removable ones.
• In cases of unevenness >1mm, level the base or use self-levelling.
• Do not install Clap! flooring on flexible or elastic bases, such as intermediate floors or attics in flexible wood.
• Clap! flooring never requires an underlay since it is already integrated in the board.
• Installation that is not in compliance with one or more of the previous requirements is to be considered improper and voids the warranty.

2. PREPARING THE SURFACE

• Calculate the floor area of the room before installation and provide an extra 10% of flooring for cutting waste.
• Clap! boards must be stored on a flat, stable, dry surface.
• Never store this product outdoors. Installation must be carried out in accordance with Déco installation instructions.
• Make sure to choose the direction for the installation of the boards before beginning. Installing Clap! flooring parallel to windows and doors is standard practice.
• In a narrow area, such as the hallway, we recommend installing the boards oriented on the width of the room.
•Verify the space under the doors and under the door trim and frame before installation.
• Measure the room carefully to determine if it is square; if not, the last slat will need to be cut to fit the perimeter of the room.Measure the area to be installed. The width of the slat of the last row should not be less than 5.00 cm. If so, adjust the width of the first row to be installed.
• Decide which side of the room will have the last row of boards installed; generally, it looks better if the last row is on the most external side, opposite of adjacent rooms.
• Estimate the width of the last row of boards. In case it is less than 50mm, it is necessary to cut down the boards, so that the last row is wider than 50mm.
•The boards must be installed staggered cutting the first board of every row shorter, for example, with consecutive lengths of 300mm, 600mm, 900mm and lastly an entire board. Alternatively, the cut-off of the last board can be used as the initial piece of the next row. In any case, the head joints on adjacent rows must be distanced at least 300mm.
•The final piece of flooring must be at least 300mm long. To obtain this it is possible to cut the first board of the row. It is important to have an idea about these cuts before the last row is installed.
• Déco can provide accessories such as spacers, levellers for floors of different heights and baseboards.
• Clap! must not be installed near entrance areas which remain open for long periods and therefore are exposed to weather agents (sun, rain, day/night temperature ranges). We recommend using doormats at entrances up to where the sun reaches when the door is open.
• Always check for evenness before installing the materials verifying that there are no bumps over or equal to 2mm, measured by using a rigid metal bar that is 2 metres in length and measuring at least 5 positions on the screed. Pay particular attention to check in high traffic areas between various rooms and near corners of the various rooms.
•The Clap!3D and Clap!GO series are extremely resistant and suitable for any residential and commercial area, even high traffic, nonetheless, as per Clap!Real, they are not suitable for car and motorcycle traffic and pallet trucks.
• It is important not to fix boards with screws, nails or excessive loads > 500 kg to allow expansion of the flooring. In the event that permanent fixing is essential, create a hole around the screw or nail to allow the flooring to expand.
•The maximum limit to avoid the use of expansion joints is 18 metres per side, in rooms with a constant temperature between 15 and 30 degrees for the underlay and without particular conditions preventing the movement of materials or worsening expansion. Contact the company if you have any doubts. The installation technician and job supervisor are responsible for verifying if additional joints are to be included under 18 metres evaluating actual site conditions.
• Our indoor flooring is suitable for installation on radiant heating/cooling systems thanks to the heat resistance of 0.030 (m 2 K/W) as specified in the technical sheets. In fact, in accordance with current requirements, the heat resistance of the flooring must not exceed the following value: $R\lambda,B = 0.15$ m 2 K/W. In the case of installation on existing flooring, please verify the correct value given by the existing flooring and the Clap! flooring with your technician.

• For installation on transitional type radiant flooring systems, they must have pipes covered with at least 3 cm screed, use water as a heat conductor and ensure a constant room temperature of 18°C during acclimation, installation and 72 hours after installation; bearing in mind that humidity in the screed must be checked.
Subsequently, when the system is turned on, it must be gradually increased by a maximum of 5°C per day until standard temperature and operating conditions are reached; with a maximum temperature of 27°C.
• Electric heating mats not embedded in the subfloor are not recommended for use under flooring. Use of electric heating mats not embedded and applied directly under the flooring will void the warranty.
• Due to the speed in temperature changes which can have a negative effect on this flooring, we do not recommend installation on electric radiant heating systems.
• In cases of installation on dry radiant systems without screed, please contact our Technical Department for feasibility confirmation.
•We do not recommend the installation of Clap! in the vicinity of very intense direct heat sources such as stoves and fireplaces stoves, etc. In such cases it proceeds by protecting the floor with the installation of floor-saving footboards, interrupting the Clap! flooring in the vicinity of the footboard and inserting the necessary expansion joints.

3. INSTALLATION

• In most cases, this product does not need to be acclimatized. However, if the floor boxes have been exposed to extreme temperatures (below 10°C or above 35°C) for more than 2 hours in the 12 hours prior to installation, acclimatization is necessary.
In this case, it is necessary to keep the planks at room temperature for at least 12 hours in unopened packages before starting installation.
•The screed must be adequately protected from any causes of humidity both from the environment as well as any rising damp from the layers below.
• Before installation, the floor base must be perfectly smooth and planed. Small imperfections on the surface can be corrected with a belt sander, larger imperfections can be corrected with a standard levelling screed. The installation surface must act as a barrier for external humidity and be perfectly prepared before installing Clap! flooring.
•The customer must order a heating phase in order to obtain the suitable residual humidity suitable for installing the flooring (as per current requirements).
• In cases of installation on dry radiant systems without screed, please contact our Technical Department for feasibility confirmation.
•Wearing and using the proper protective and safety equipment is mandatory based on the current standards.
• Any carpet fasteners, nails and glue must be removed from the installation surface before starting.
• On pre-existing floors with grout lines, install the boards transversal to the actual grout lines.
• It is essential to avoid installation in incident sunlight, coming in through glass windows; protect the installation area with curtains.
• During installation, mix the boards taking them from at least four different packages to ensure a random installation so that the boards are not too similar with the same knot, or lighter or darker, one next to the other.
• Our materials undergo quality control during the production process; nonetheless, the installation technician is responsible for checking the materials before installation.
•The installed boards will be considered accepted and compliant except for hidden flaws; any defect is to be reported before installation in a timely manner.
• Position the spacers on the perimeters or in proximity of fixed or heavy furnishings (e.g., kitchens, countertops, fireplaces, wardrobes, plasterboard walls, etc.) to allow for any possible contractions and expansions. Specifically, large weights must not compress the flooring and should be positioned directly on the unfinished base.
•The distance from the perimeters or fixed/heavy furniture must be evaluated based on the rules of expansion and the size of the board, approximately 8mm for Clap! GO wood finishes and 15mm for Clap! GO stone finishes, Clap! 3D and Clap!Real. The distance can be covered with baseboards or expansion joints, depending on the case.
•The use of silicone under kickboards and in general is always to be avoided, choosing to use sealing trim or levelling joints. Nonetheless, only in specific cases and with proper caution, for example near sanitary fixtures, it is also possible to use 100% waterproof, high-elasticity silicones (like Mapei LM).
• Check that the laying base does not cause excessive friction with the pre-installed underlay, preventing proper expansion as required. In these cases, set a layer of cellophane or similar on the base on which to install the elements, to facilitate proper sliding.
• Start from a corner of the room with an entire row of boards. Consider that the last board will have to be cut to be adapted to the space at the end.
•The Clap! floor has a male/female click system; orient the planks so that the female is facing outwards from the installation side of the first row (e.g. female facing the wall male facing the installer).
• Continue along the line of boards to reach the opposite side of the room.
•When two boards are interlocked, first slide the board into the longitudinal insert, then slide the board to the cross-sectional interlock, use a rubber hammer on the side and click it on the head. Secure then the interlock system by using the rubber hammer on a flat surface (for example, an extra piece of board) positioned on the heads until you hear a "click" and the interlock is perfectly flat. There must not be any gaps or air between one board and the other.
•To facilitate the movement of the flooring, avoid gluing the base boards, or corners or skirting board, with glue or silicone directly onto the flooring. The baseboards are always to be installed slightly higher, minimum 1mm higher compared to the flooring.
•To cut a Clap! board a wood circular saw, with sharp blades, is sufficient,
• Position the cut part of the boards against the wall to hide the imperfections with the baseboard.
• Be very careful when cutting and laying a cut board because it may become very sharp.
• Once the flooring installation is complete, remove the spacers from the perimeters and install the baseboard being careful to position it slightly higher than the flooring avoiding the flooring from being blocked.
• Store any leftover boards for any future needs, storing them in a cool and dry place.
• In the event you need to remove a Clap! flooring board, lift it up carefully and at the same time from both ends of the interlock. This process facilitates the "unlocking" of the joint without damaging it.

CLAP!
INSTALLATION GUIDELINES

BATHROOM INSTALLATION

Bearing in mind what was previously specified, here are some specific precautions for installation in these environments.

INSTALLATION NEAR SANITARY FIXTURES AND SHOWER CABINS

For a totally finished result, installing Clap! under the sanitary fixtures would be ideal, making sure to create a hole for the bolts used to fix the sanitary fixtures to the floor.
Please note that the hole must be wider than the circumference of the bolts by approximately 10-15mm so as to not prevent the natural expansion and contraction of the boards.
We recommend joining the Clap! flooring with the shower cabin with the use of suitable sealing trim. Alternatively, it is possible to use a 100% waterproof and high-elasticity silicone, the following precautions must be followed:
1. Providing for the use of expansion joints in separating the bathroom from other environments.
2. Outline the boards always taking into consideration the perimeter distance of approximately 8mm for Clap!GO wood finish and 15mm for Clap!GO stone finish and Clap!3D to be kept also for Clap! trim and sanitary fixtures.
3. Before installing the boards, first lay a layer of cellophane at the portion of the base near the sanitary fixtures to completely cover the air let out with the expansion.
4. Position the outlined boards ensuring the proper distance from the sanitary fixtures and filling this gap by using 100% waterproof and elastic silicone.
PLEASE NOTE: the silicone must not set on the base but on the cellophane previously applied. So, the natural expansion and contraction of the boards will not be prevented.

HIDING PERIMETER DISTANCES IN THE BATHROOM

Perimeter distances must always be observed- In the case of installation in bathrooms, there are two options for hiding them:
1. Covering perimeter distances using baseboards or sealing trim available in anodized aluminium or matched with the colour of the flooring.
2. If the walls have not yet been covered with tiles, the vertical wall covering can be interrupted at a sufficient height from the floor for the Clap! underneath..

SHOWER CABINS

By using the specific Clap!WALL for walls, it is also possible to cover the inside of the shower cabin. To carry out this type of installation, Clap!WALL must be glued on a base prepared with MAPELASTIC, or other waterproofing cement sheath.

INSTALLATION IN KITCHENS

The feet of the kitchen must not block the flooring; therefore, we recommend creating holes around the feet or cutting the flooring right before the feet (generally 60cm from the wall) so as to create an expansion joint before the feet.
This joint will then be hidden either with a T-trim when feet are visible or with a kickboard.

4. POST-INSTALLATION CHECKS

- Verify the proper distance on all perimeters and that the baseboards do not block the flooring at any point
- Be sure to protect the flooring from subsequent work or movement of loads which could scratch it (e.g. furniture installation) To move heavy objects on the flooring, like refrigerators, protect the flooring with at least two sheets of plywood, sliding the load on the plywood.
- Be sure to substitute any plastic wheels with rubber wheels in accordance with UNI EN 425 with W type wheels
- Ensure that in the event that interior doors are installed at a later time, boards and frames are to be installed suitably shimmed, so as to be slightly higher than the flooring without blocking it by 1mm.
- Do not use rugs with rubber or latex backing because they may stain and alter the colour of the flooring.

5. MAINTENANCE

- Sweep and vacuum away dirt regularly.
- Clean the floor using a vacuum cleaner with the specific brush being careful to not drag any small stones or dirt on the flooring; alternatively use a brush with soft bristles and electro-static, dust cloths.
- Wash the floor with a damp cloth, removing all excess water. Clap! is easily cleaned with a simple floor cleaner thanks to its thick, anti-wear and anti-stain layer. For a more intensive cleaning, the specific Clap! cleaner can be purchased through our retailers. Avoid detergents with solvents, bleach or ammonia.
- Do not use steam machines since they reach very high temperatures which can damage the flooring or leave difficult to remove rings.
- Waxes and polishes do not have any effect on Clap! flooring surface and may actually damage the surface, therefore, they should not be used.
- In case of stubborn dirt, use a mixture of water and mild soap. Remove the water with a cloth.
- In the event of continuous use of chairs with wheels, rubber wheels must be used (in accordance with current requirements) and not plastic or other material. If this is not possible, then protect the boards with specific flooring protective mats.
- Clap! is highly resistant to water and moisture, but in the event of a leak promptly wipe off the liquids as as steam pressure from the subfloor has the potential to deform the planks.
- High traffic areas can be ruined more quickly, therefore, they must be cleaned and kept free of dirt residue frequently.
- Clap! flooring is highly resistant; like for any type of flooring, we recommend using felt pads under furniture, as well as avoiding objects or actions that may damage or scratch the surface.
- If you need to move heavy furniture, lift it while moving it, as to avoid damaging the surface of the flooring.

CLAP WALL
Clap! wall is the 3mm thick, mattress-less, jointless version that allows these planks to be glued directly to the wall as a cladding.
For bonding instructions, please refer to our instructions on in-glued cladding.

6. INSTRUCTIONS FOR REPLACING A BOARD

TOOLS
Glue, adhesive tape, pencil, tape measure, cutter, drill, circular saw, rubber hammer, new boards.

PREPARATORY PHASE
- To not damage the adjacent boards, cover the four corners of the board to replace with adhesive tape.
- With a drill, create a 12mm hole in every corner of the board, the closest possible to the joint lines.
- Use a tape measure to identify, in regards to the width, the central point of the board and trace a line dividing the board into two equal parts, along its length.
- Connect the holes to the central line drawing 45-degree diagonal lines from the corners to form triangles in each corner of the board. These lines will be used as a guide during the cutting phase.
- To avoid cutting the underlay, adjust the depth of the blade of the circular saw or cutter to the same thickness of the board.

CUTTING PHASE
- Start cutting the board along the centre using the line drawn previously as a guide.
- Continue cutting along the diagonal lines to connect the central cut to the holes made with the drill.

REMOVAL PHASE
- Use your hands to lift the central sections.
- Remove the remaining parts of the board by moving them gently back and forth.

REPLACEMENT PHASE
- After having removed the board, be sure that the underlay is perfectly clean and dry.
- Take a new board and, with the finished side up, cut the head and side interlocking notches sticking out a few millimetres.
- Apply a few drops of glue to the subfloor (vapour barrier, cellophane or nylon). If there is no vapour barrier immediately under the flooring insert a piece of cellophane or nylon at least 5/6 cm wider than the size of the plank to be replaced, taking care to fit it without any flaps underneath.
- First, position the board by placing it on a slant on the side from which the interlocking notch was cut; then, lower the board so the shorter sides are also positioned. If cellophane was added, the board can be glued directly on it.
- Using a rubber hammer, beat on the edges of the board until perfectly flat and the joint lines significantly reduced.
- Place weights positioned in a uniform manner on the new board for the next 24 hours.

PLEASE NOTE:
Replacing a board is only recommended in cases that compromise normal flooring use. Therefore, replacing a board is not recommended in cases of normal wear or use.
For ideal results, board replacement should be carried out by a professional.