nesite

catalogue

Feet on the ground, look to the future

Ours is the story of a technical approach that is not satisfied with functionality only. It is the story of how technical solutions are transformed into products with a high aesthetic value, capable of being inserted, enriching them, in prestigious architectural projects. It begins with a historic brand of raised floors, today projected into the architecture of the future, which consider first the environment and aesthetics.

We believe that every project corresponds to a tailor-made solution: for this reason we make all our expertise and know-how available to each customer to develop it. Flexibility is our watchword, from consultancy for choosing the most suitable solution, to design that pays attention to every detail, up to the speed of a made in Italy industrial production and an installation with scrupulous craftsmanship.

n e s i t e

gioia 22

location: Milano
design: Pelli Clarke Pelli Architects

Part of the urban redevelopment plan of the new Porta Nuova District of Milan, Gioia 22 is the first nZEB (nearly Zero Energy Building) tower in Italy, designed by the Pelli Clark Pelli Architects studio of New York and developed by COIMA.
120 meters high and 35,000 m2 of built surface, the "Glass Splinter" is in fact the Italian skyscraper with a ratio between energy produced and energy consumed close to zero, with a requirement reduced by 75% compared to the most recent Milanese office buildings.
The Cradle to Cradle method was the basis of the design, whose principles guided the careful selection of materials and finishes, in order to increase performance in terms of sustainability, comfort and well-being. In addition to the nZEB standard, Gioia 22 is also LEED and WELL certified.
In line with the design philosophy, all the raised floors used were supplied by Nesite, recognized for its supply chain that pays particular attention to the resource protection and the use of recycled and recyclable materials.
The raised flooring for Gioia 22, approximately 25,000 m2, was entirely made with Class A1 reaction to fire calcium sulphate panels, designed to receive loose-lay coverings, according to the end user's preference.

photography © Donato Di Bello


FOUR POINTS

n e s i t e

covering: primer
panel core: calcium sulphate
dimensions: 600x600 mm

covering: primer
panel core: calcium sulphate
dimensions: 600x600 mm

n e s i t e

former richard ginori area

location: Milano
design: BDG architecture + design,
967 Arch , BMS Progetti

A skyscraper lying on the Naviglio, the most famous factory in Milan replaces ceramics with creativity and becomes a laboratory of ideas and transversal skills for around 35 large marketing and communication companies. The 70 set up meeting rooms are undoubtedly emblematic in order to imagine the breadth of the new citadel of talent, as are the maxi open spaces that follow one another along the columns and can accommodate more than 2,000 collaborators.
The redevelopment of the former Richard Ginori area involves Nesite in the supply of the entire raised flooring in the project, approximately 20,000 m2, with different solutions dictated both by the multiple uses of the spaces and by the high sustainability standards required by the BREEAM certification. Specifically, all systems were made with 30 mm thick calcium sulphate panels, covered with various finishes such as porcelain stoneware, rubber, carpet and FSC® certified parquet.
Flexibility, quality of the production chain and use of certified and sustainable materials: Nesite thus meets the values and inspiring principles of the project, designed to reduce polluting emissions and water and energy consumption, with the use of 100% renewable sources.

photography © Ugo De Berti, UDB studio

n e s i t e

covering: stoneware
panel core: calcium sulphate
dimensions: 600x600 mm

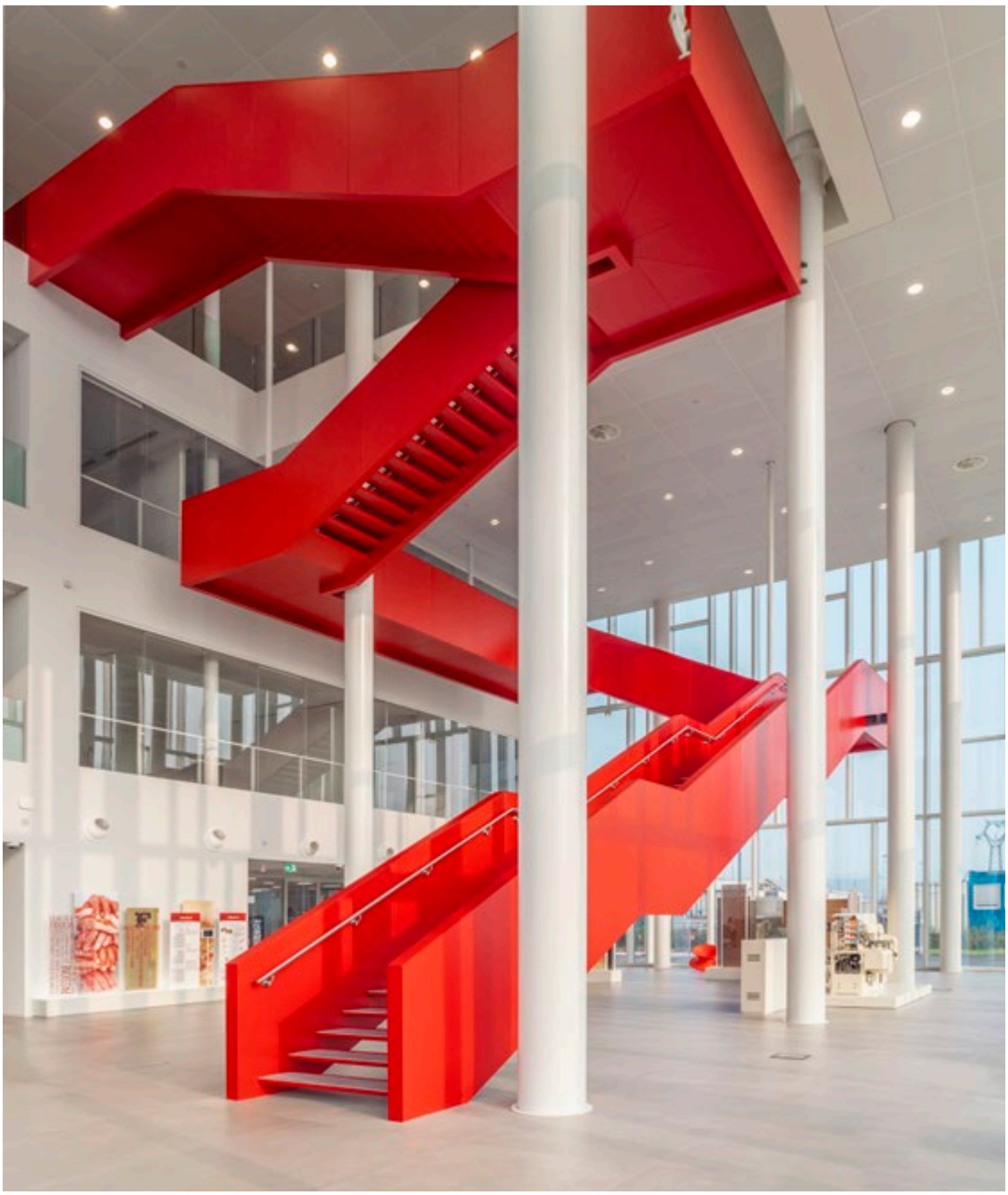
covering: parquet
panel core: calcium sulphate
dimensions: 600x1200 mm

ferrero technical center

location: Alba
design: Frigerio Design Group

Designed by Frigerio Design Group according to the concept of slow architecture - emblematic of the studio - Ferrero Technical Center proposes a new level of integration between industrial architecture, natural landscape, process sustainability and worker's well-being. The complex, the largest Ferrero factory in Italy, represents a new frontier of industrial architecture, designed to respond to the principles of 4.0 manufacturing, aiming for production interconnected to its territory.
The new hub, a bioclimatic and nZEB (nearly Zero Energy Building) certified building, extends over 12,700 m2 and hosts over 200 employees. Its architecture, which encompasses the coexistence between management and operational functions, features a simple and linear design, hiding systems and technical parts from view. The compact volume, however, maximizes all passive contributions and limits the resources for its management and maintenance. Finally, safety and sensorial comfort are the values on which the entire complex is developed.
The use of the raised floor fits into the design concept of slow architecture as a modular system, capable of accommodating the progression of the spaces and any future developments. The raised floor therefore becomes a solution that faces change, capable of living over time thanks to its flexibility, promoting an ethical and environmentally friendly use of resources.
Solutions consisting of panels in calcium sulphate or sintered material were integrated into the project, available in various finishes: resilient, natural wood and ceramic.

n e s i t e



covering: ceramic
panel core: calcium sulphate
dimensions: 600x600 mm

covering: linoleum and bamboo
panel core: calcium sulphate
dimensions: 600x600 mm

n e s i t e

lundbeck

location: Padova
design: Nesite Interior

The expansion of the Lundbeck production site in Padova, a company operating in the pharmaceutical sector, represents a project that stands out for the elegance and quality of the systems. The solutions implemented are in fact emblems of a company philosophy that revolves around the concept of well-being, with active social and environmental sustainability policies.
In particular, the project involved Nesite in the supply of raised floors and partition walls, with efficient proposals in terms of functionality, comfort and aesthetics.
For this purpose, all the rooms were created with the Diffuse radiant floor, a versatile and fully inspectable solution, capable of air conditioning large rooms uniformly, granting maximum flexibility in the distribution of spaces. Moreover, the rapid response of the system determines the high thermal efficiency and the consequent reduced energy consumption. Furthermore, the finishing panels are separated from the underlying system, allowing the radiant part to be maintained in case of replacement, with a significant cost saving.
From an aesthetic point of view, the system was completed by high quality natural finishes, slate in the common areas and wood in the offices.
The rooms were completed with the installation of glass partition walls.

photography © Enrico Maria Vernì

DIFFUSE radiant system and partitions
covering: parky european oak
dimensions: 600x600 mm

DIFFUSE radiant system
covering: natural stone and parky european oak
dimensions: 600x600 mm

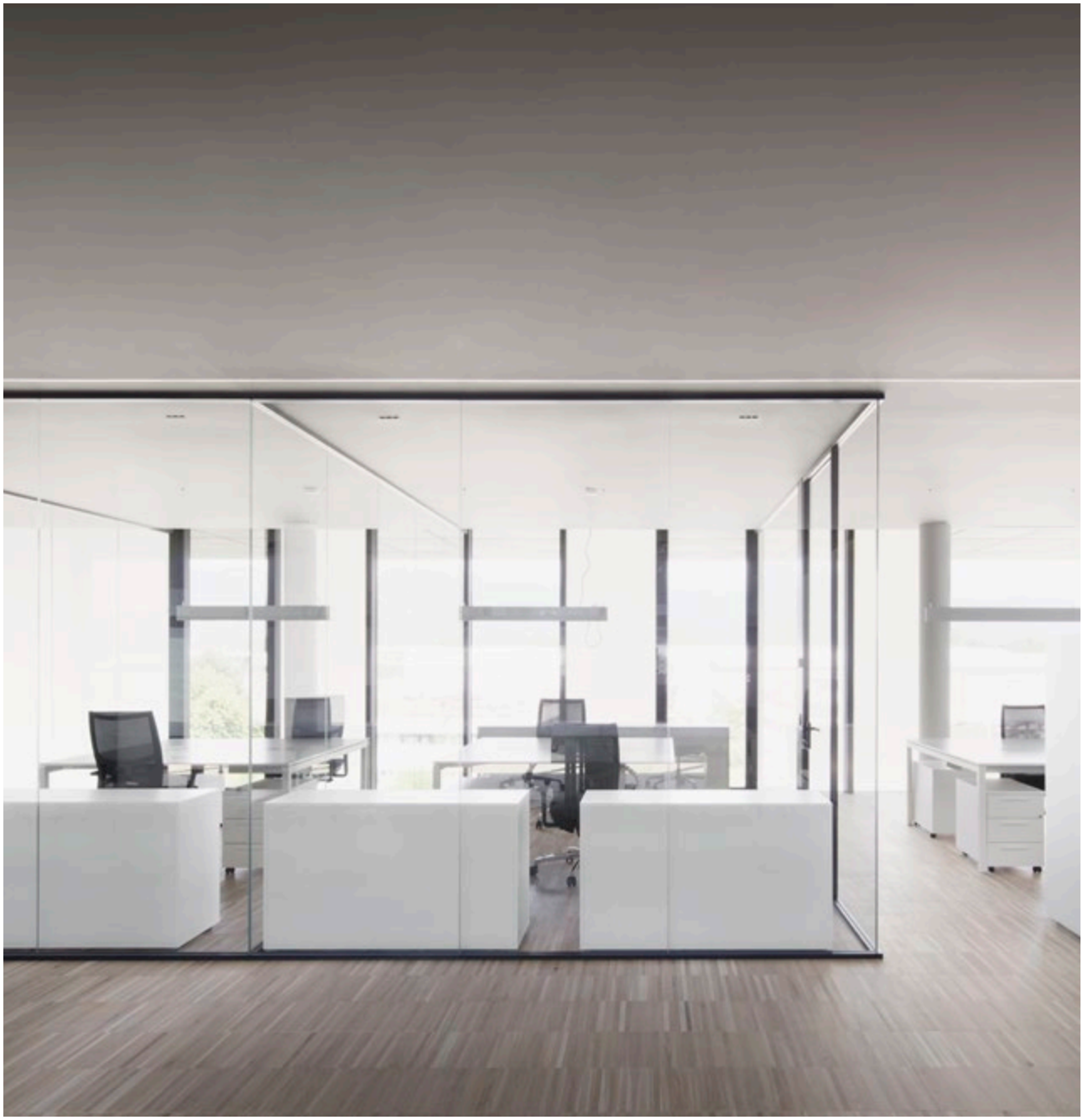
n e s i t e

sanlorenzo yachts

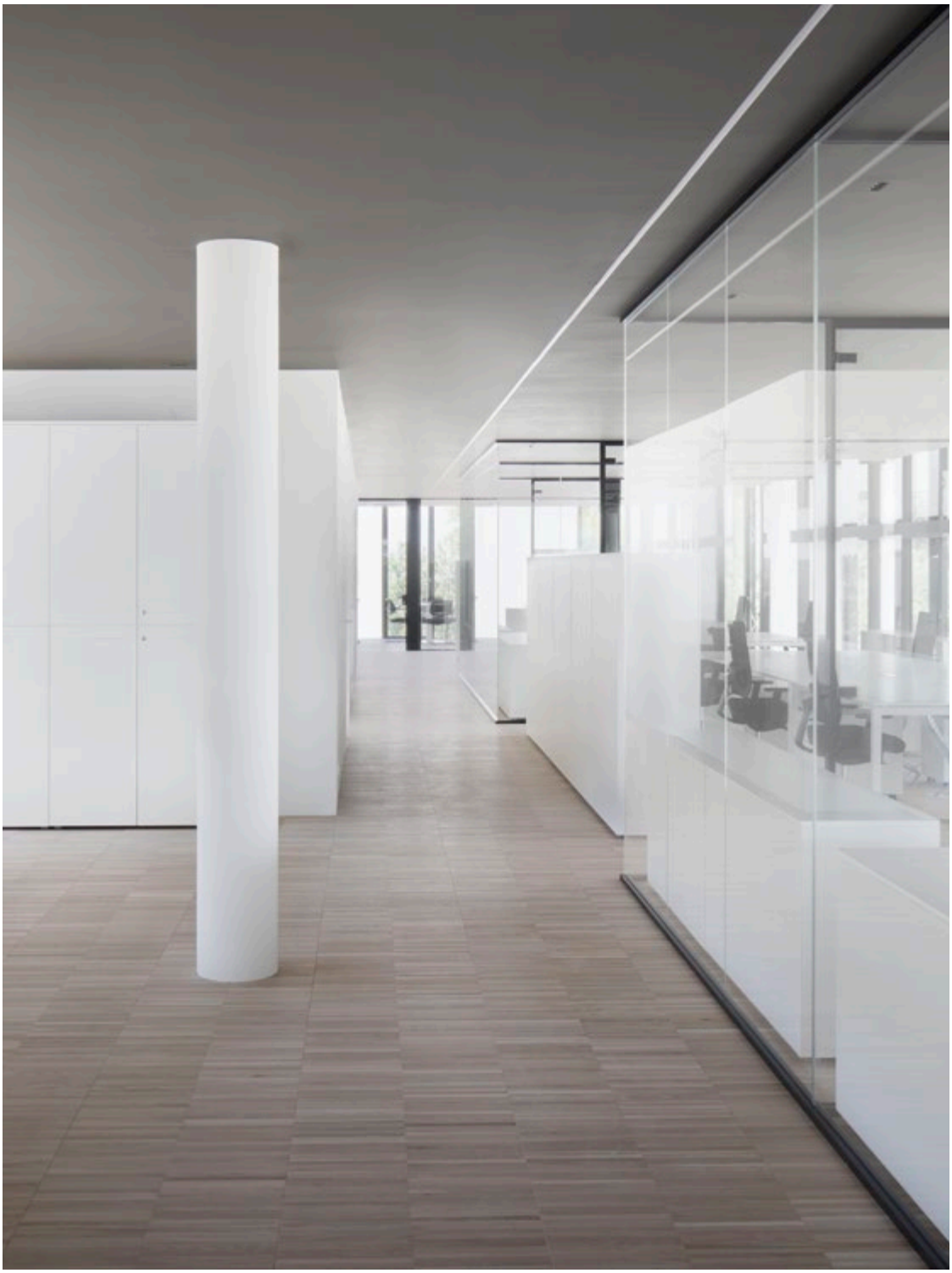
location: Ameglia
design: Lissoni Casal Ribeiro Studio

Immersed in the greenery of the Montemarcello-Magra natural park, the first volume completed by the Lissoni Casal Ribeiro team rises in Ameglia. It is the executive building that houses the workspaces of the Sanlorenzo Yachts design, marketing and commercial division, as well as a storage area, adjacent to the industrial buildings.
The layout, precise and essential, offers an interpretation of the open space concept, with common areas in direct continuity with the individual work islands. The private offices are separated from it by large completely transparent glass partitions defined at the top and bottom by slender anthracite profiles.
The systems were deliberately integrated into the ceiling and the raised floor created by Nesite, which supplied over 1.050 sqm of calcium sulphate panels finished with a custom-designed parquet. This solution is made of bleached oak, consisting of two 30x60 cm bands made up of 30x5 cm strips, protected with a special ecological oil varnish which enhaces the naturalness of the wood.

photography © Thomas Pagani



covering: custom oak
panel core: calcium sulphate
dimensions: 600x600 mm



covering: custom oak
panel core: calcium sulphate
dimensions: 600x600 mm

n e s i t e

athesys

location: Padua
design: Nesite Interior

The wellbeing of people is undoubtedly one of the pillars in design of modern offices and, for this reason, the renovation of Athesys headquarters starts first of all from several essential requirements such as the healthiness and sustainability of the materials.
The request was immediately reflected in the natural cork finishing proposed by Nesite Interior, chosen by Athesys for both the floor and walls for its extraordinary characteristics.
Cork, in fact, has intrinsic properties that improve acoustics, walking comfort, preserves air quality, is antistatic, non-toxic and hypoallergenic, resistant to mould and bacteria, as well as excellent thermal insulation, while ensuring breathability. The raised floor chosen, moreover, has been combined to FSC® certified chipboard core panels, coming from responsibly managed forests.
The set-up in the Athesys headquarters ended with the installation of glass partitions, a solution able to give maximum visual lightness, whose essentiality finely completes the space, highlighting its colours. The light tones of Braga finishing, on the other hand, lend the space a particularly cosy feel.

photography © Matteo Sandi

n e s i t e

glass partition
cork raised floor

wall and floor natural cork covering

thélios

location: Longarone
design: Designgroup Architetti Associati Studio

Launched in 2017, Thélios is a joint venture combining LVMH and Marcolin's expertise, as two groups brought together by their same vision of the eyewear future.
The new headquarters has an innovative aesthetic made of panels in weathering steel and multiple windows. With over 2.300 solar panels installed on the roof, the building is also a sustainable and eco-responsible structure.
Nesite realized the raised floor by supplying a solution made of calcium sulphate panels in various formats with stoneware top covering. The peculiarity of the project lies in the installation, in certain areas, of a customized solution created with precise aesthetic characteristics according to the design drawing.
Every single panel of the showroom's corridor was made combining various stonewre strips of different sizes and colors, in order to obtain a refined chromatic effect, while maintaining the total accessibility of the raised floor.

photography © Matteo Sandi


THÉLIOS

n e s i t e

covering: stoneware
panel core: calcium sulphate
dimensions: 600x600 mm

covering: customized solution with stoneware strips
panel core: calcium sulphate
dimensions: special size

louvre abu dhabi

location: Abu Dhabi
design: Ateliers Jean Nouvel

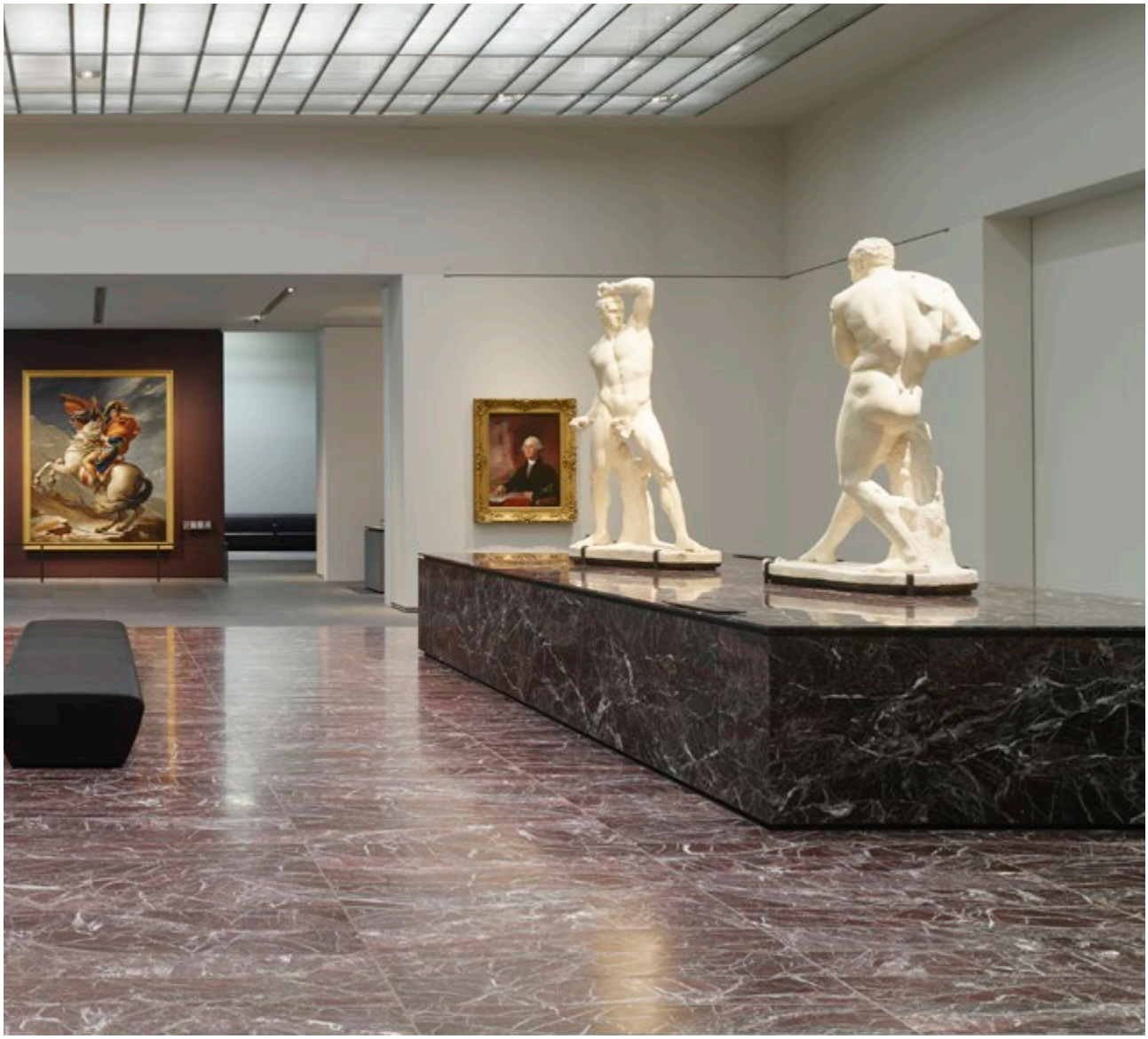
Designed by Jean Nouvel, Pritzker prize winner, the Louvre of Abu Dhabi is one of the world's most ambitious cultural projects. The prestigious museum is located in Saadiyat Island's Cultural District, which will be entirely dedicated to art and culture.
The Louvre of Abu Dhabi is a project of enormous complexity, composed of 55 individual buildings inspired by the Medina and the Arab settlements and surmounted by the characteristic silver dome.
Nesite contributed to the completion of the project by installing a highly customized raised access floor, certified as anti–seismic. The raised floor installed inside the permanent galleries is composed of calcium sulphate panels with top coverings in different types of natural stone. Each panel has been edge - trimmed with a special bronze frame and allows the full access to the underfloor plenum.
The rest of the museum floor was realized with Tetris floor, the raised floor system with high density calcium sulphate core that allows partial accessibility, with top covering in resin and natural stones.

photography © Roland Halbe


Exit
Sortie

n e s i t e

covering: omani stone
panel core: calcium sulphate
dimensions: special size



covering: red levanto
panel core: calcium sulphate
dimensions: special size

maxxi

location: Rome
design: Arch. Silvia La Pergola

The MAXXI Foundation manages the homonymous museum, the first national institution dedicated to contemporary art.
Designed as a large container of culture where exhibitions and events of high artistic and innovative value are planned, the museum complex dedicated to contemporary arts is located in the area of the ex camp Montello, in the Flaminio district of Rome. Here, in 2010, the great architectural building designed by Zaha Hadid was inaugurated, characterized by innovative and spectacular forms.
Nesite has been involved in the renovation works of the Extra MAXXI hall, supplying and installing about 500 square meters of raised floor.
For this project 4.0 floor with opaque finish was chosen, the modern and customizable solution with pigmented resin finishing.

photography © Francesca Maiolino

n e s i t e

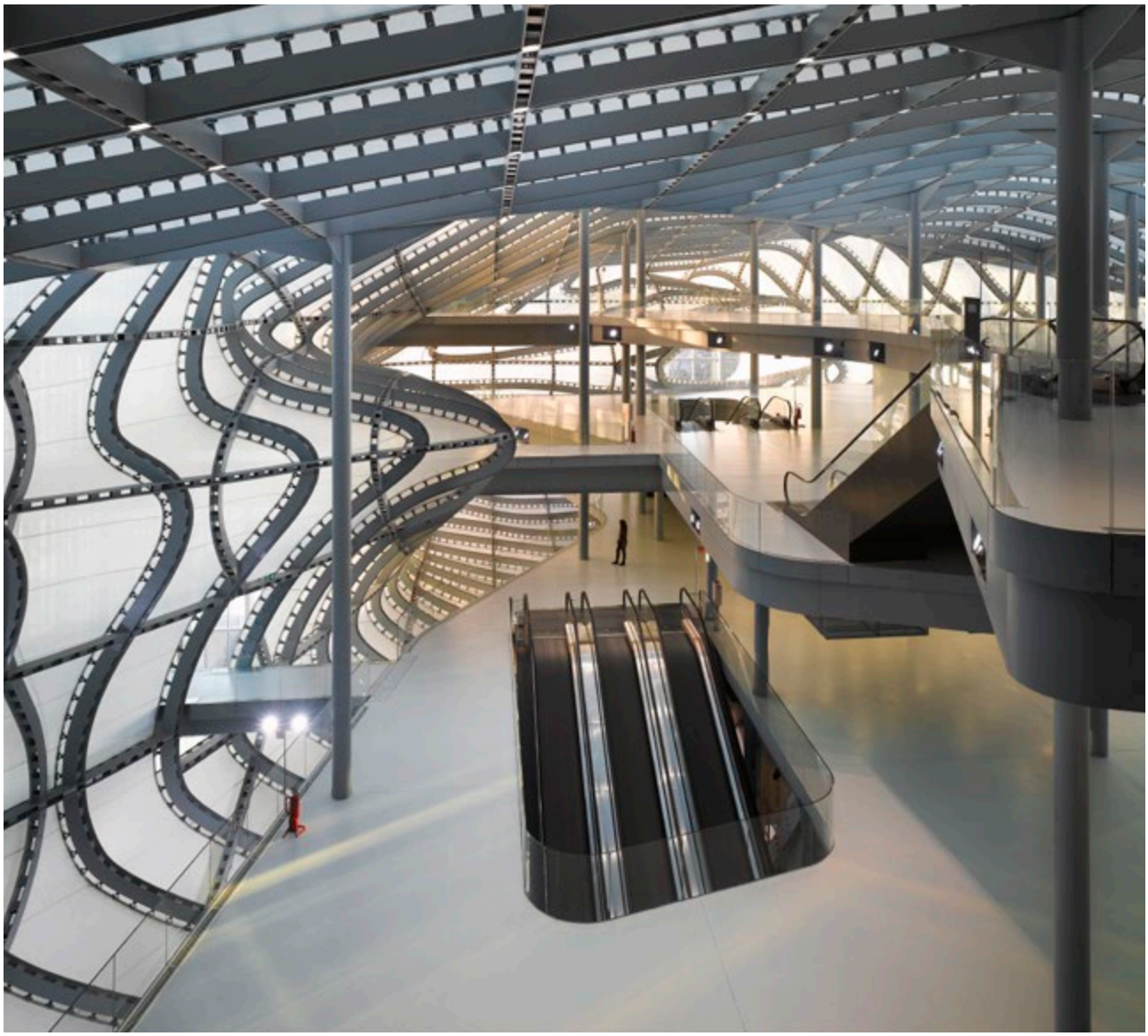
covering: resin grey whale
panel core: calcium sulphate
dimensions: 600x600 mm

covering: resin grey whale
panel core: calcium sulphate
dimensions: 600x600 mm

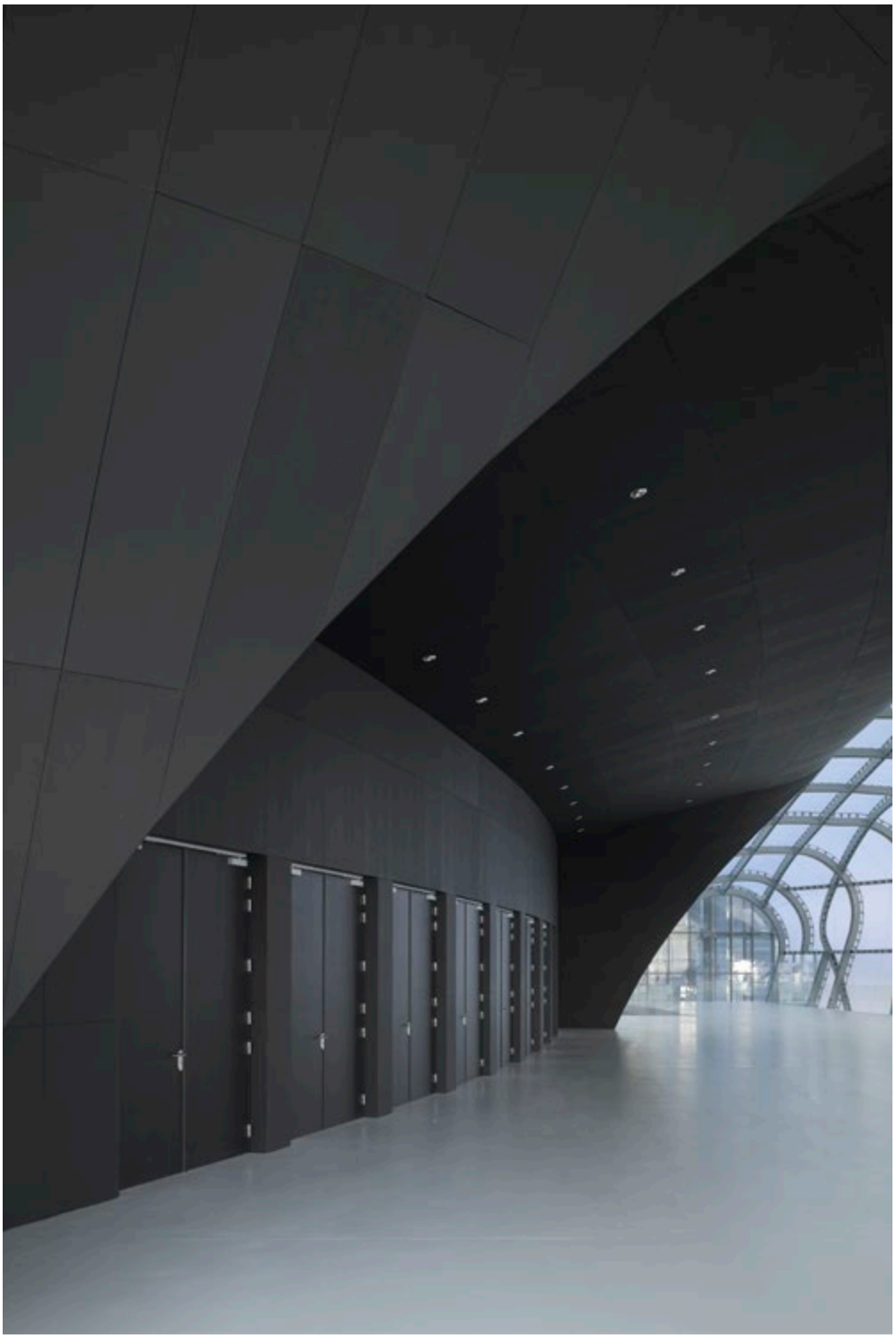
the cloud

location: Rome
design: Massimiliano Fuksas Architecture Studio

"The Cloud" is definetely the distinctive architectural element of the new Convention Center Eur S.p.A in Rome. It's a project of extraordinary artistic value, characterized by innovative logistic solutions and choice of technologically advanced materials. The steel structure, wich offers a spectacular visual effect, is covered by 15.000 square meters of transparent resin.
The floor supplied inside The Cloud is Tetris, our tongue and groove hollow floor system fast for installation and with excellent performance characteristics.
The panels have been equipped with a special 10 mm gasket compressed up to 5 mm, designed to contain any expansion, in order to guarantee the perfect stability of the floor and the resin covering.



Tetris floor system
covering: resin
panel core: calcium sulphate



Tetris floor system
covering: resin
panel core: calcium sulphate

n e s i t e

banco popular

location: Madrid
design: Arquitectos Ayala Studio

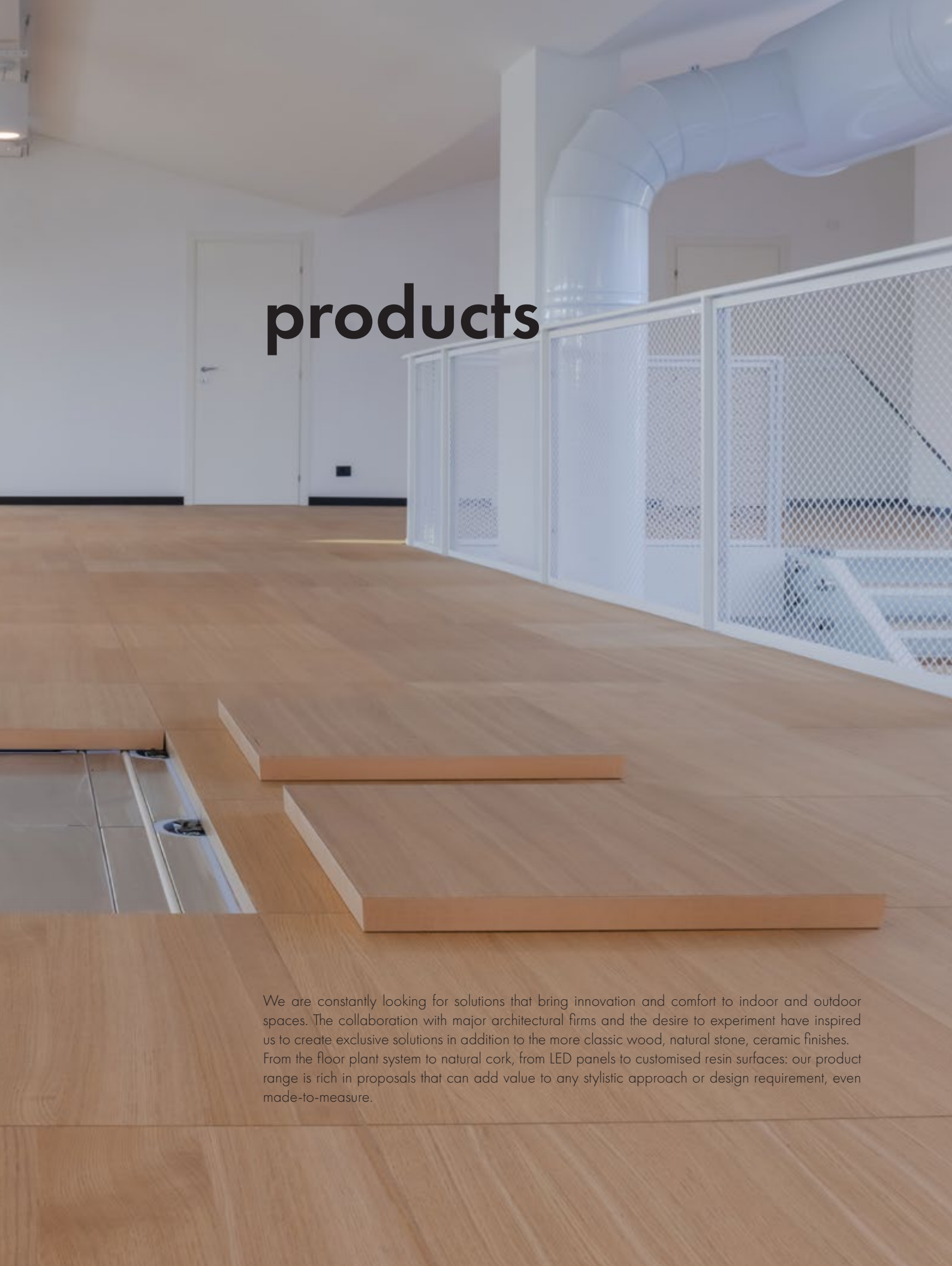
Designed by Arquitectos Ayala, the new headquarters of the Banco Popular in Madrid (Abelias Building) was conceived following the WELL protocol, the standard that combines efficiency and wellness. The building occupies an area of about 120.000 sqm dedicated to offices and services and has obtained the LEED GOLD certification.
The Banco Popular paving works involved the supply of various solutions, from the Tetris floor system to the calcium sulphate panels, finished with natural stones, vinyl and loose - lay top coverings.
For the project, moreover, Nesite has supplied about 5.000 sqm of raised floor composed of panels in special format (650x650 mm, 1000x650mm, 1100x650 mm and 1300x650 mm) with berrocal white marble and natural quartzite coverings.

photography © Lluís Casals

n e s i t e

covering: natural stone
panel core: calcium sulphate
dimensions: special size

covering: natural stone
panel core: calcium sulphate
dimensions: special size



products

We are constantly looking for solutions that bring innovation and comfort to indoor and outdoor spaces. The collaboration with major architectural firms and the desire to experiment have inspired us to create exclusive solutions in addition to the more classic wood, natural stone, ceramic finishes.
From the floor plant system to natural cork, from LED panels to customised resin surfaces: our product range is rich in proposals that can add value to any stylistic approach or design requirement, even made-to-measure.

natural living

cork

Cork is the new proposal by Nesite in terms of finishings made with **natural** materials, a solution with **zero impact** on the environment and of excellent mechanical and physical characteristics.

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- **acoustic improvement:** thanks to its honeycomb structure (40 million capsules of air/cm^3), cork absorbs vibrations and sound waves. Tests confirm that the use of cork reduces the noises up to 53% compared to laminates.
- **excellent thermal insulation:** cork maintains insulating properties at a wide range of temperatures with consequent energy saving. The heat conduction coefficient of this material is 0.037-0.040 W / (mK).
- **anti-static:** the cork surface doesn't accumulate electrical charges, therefore the phenomenon of attraction and accumulation of dust is not there. Cork surfaces are easy to maintain and clean.
- **footfall comfort:** studies certify that after 45 minutes of walking on different surfaces, cork offers greater comfort, reducing the feeling of fatigue compared to linoleum, laminate and ceramic.
- **water-repellent and non-absorbent:** this feature is caused by the presence of suberin which represents the 39-45% of the cork mass. This substance increases the water-repellent properties, strengthens it and acts as a thermal insulator.
- **100% recyclable:** the wasted material is used to produce agglomerates for construction, clothing and much more.
- **co2 absorbtion:** cork is able to absorb CO2, the main cause of the greenhouse gas, up to 5 times its weight.

warm collection

par-ky

Par-ky is an **eco-friendly engineered covering**, composed of a high density wood fibre core (HDF) and a real wood top finishing (unprinted).

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- **high resistance**, conferred by the very high density HDF core and the protective treatment on the upper surface.
- **very high density**, due to the double impregnation system.
- **uniqueness:** with Par-ky the final result is always unique, thanks to the infinite number of textures typical of natural wood.
- **air quality:** Par-ky is finished only with water-based varnish and is free of VOC, VOX or any volatile component. Quality label A+.
- **environmental compatibility:** the raw material comes from sustainably managed forests and each board is 100% recyclable. Available in FSC certified version.
- **leed contribute:** Par-ky complies with the highest LEED standards, with a potential of 4 credits.

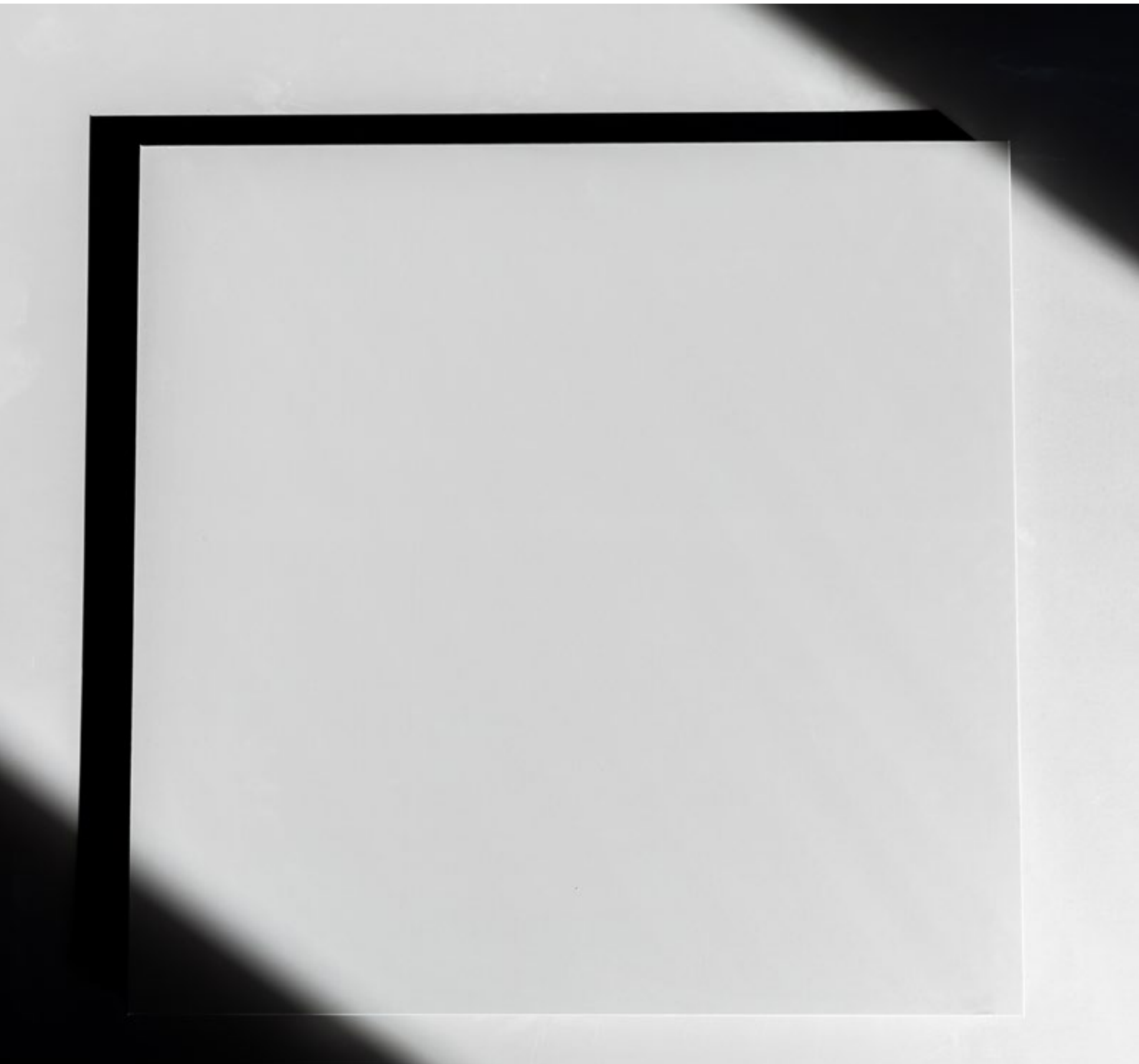
warm collection

parquet

Flooring of ancient traditions, parquet is today a solution also suitable for modern spaces, thanks to the structural and aesthetic characteristics of the Nesite raised floor.
Elegance, durability and versatility are the most obvious advantages of the wooden floor, while the pleasantness to the touch and hearing are the most hidden and precious qualities of parquet.
The constant care after the installation is a necessary condition to obtain the wood's long yield and a good aesthetic result.
Ideal for executive offices and **prestigious** areas with medium traffic.

life in technicolour

4.0



4.0 is the raised floor for wide areas **fully customisable,** finished with a pigmented heterogeneous **resin** which, after drying, forms an anti-scratch and shock-resistant film, which makes it suitable for medium traffic.
With 4.0 you can decide:
- opacity (glossy, semi-gloss and opaque).
- finishing (standard or embossed).
- **graphic elements**, inserted through a particular printing process, for a further customization of the floor.

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- **versatility** of colours and finishes.
- the color range is available in 2 versions, PLAIN (homogeneous effect) and CONCRETE (with calcium sulphate in transparency), and is possible to choose between the colours of the Nesite collection or directly from the **RAL scale**.
- formaldehyde-free panel (class EN 717-1) with a low volatile content varnish.
- in the production process are used only 100% separately recyclable components.
- contributes to obtain the **LEED** certification.
- **reusable** at the end of the product life cycle.

stone collection

stoneware

The stoneware raised floor offers a wide range of **colors and sizes**, with solutions which can satisfy the **contemporary** taste for modern spaces but also recreate the warmth of the most classic surroundings, similar to natural materials (wood and marble).
Nesite has selected the materials that best meet the various demands of **architects and designers,** combining the aesthetic with the technical performance of the raised floor.
In addition to the standard format 60×60 cm, the panels can be supplied in special sizes.
Ideal in commercial and/or public centers with medium - high traffic.
Thickness top covering: 9 -10 mm.

stone collection

natural stone

n e s i t e

Nesite stands out for the production of raised floor with natural stones such as **marble and granite**.
In our factory the covering is coupled to the panel core, rectified in line, edged and bevelled. The result is a panel with dimensions that respect the **modularity** of the raised floor and allow an easy handling, thanks to the protection side in ABS.
Nesite, furthermore, is specialized in the realization of panels in **special** dimensions, **customized** on the project requests.
In addition to the standard format 60×60 cm, the panels can be supplied in special sizes.
Ideal in business centers and prestigious spaces with medium traffic.
Thickness top covering: 18-19 mm.

stone collection

terrazzo

The terrazzo finish, composed of a conglomerate of natural stones, represents an **elegant, durable, unalterable choice over time.**
The surface is made with **grits of different sizes consistencies and colours,** skilfully mixed with high quality resins, certified and tested for use in closed environments. The result is a versatile, technically advanced finish with **high mechanical and physical performance.**
The terrazzo covering is coupled to the core in Nesite production site, rectified in line, edged and bevelled.
In addition to the standard 60×60 cm format, the panel can be supplied also in special size.
Ideal in business centers and prestigious environments with medium traffic.
Thickness of the covering: 12 mm.

look beyond

glass

The glass raised floor allows solutions of **particular value**, in combination with other coverings or even as main element.
The installation of a glass raised floor is mainly preferred in **museum contexts,** where it allows to create suggestive **walkable exhibition paths.** It is also frequently used in buildings of historical value, where there is a need to **preserve, protect and enhance the original flooring.**
The glass raised floor is available in transparent or opaque version.
In addition to the standard format 60×60 cm, the panels can be supplied in special sizes.
Ideal in museums and spaces with special architectural requirements.

led the way

juno

JUNO is the high-brightness **led walkable panel**, designed to be part of raised floor systems, which allows you to create paths of light or highlight objects with maximum **flexibility**.
The finish in Solid Surface, besides ensuring resistance and ease of maintenance, makes the panel elegant and refined, ideal for projects with high aesthetic **impact**.

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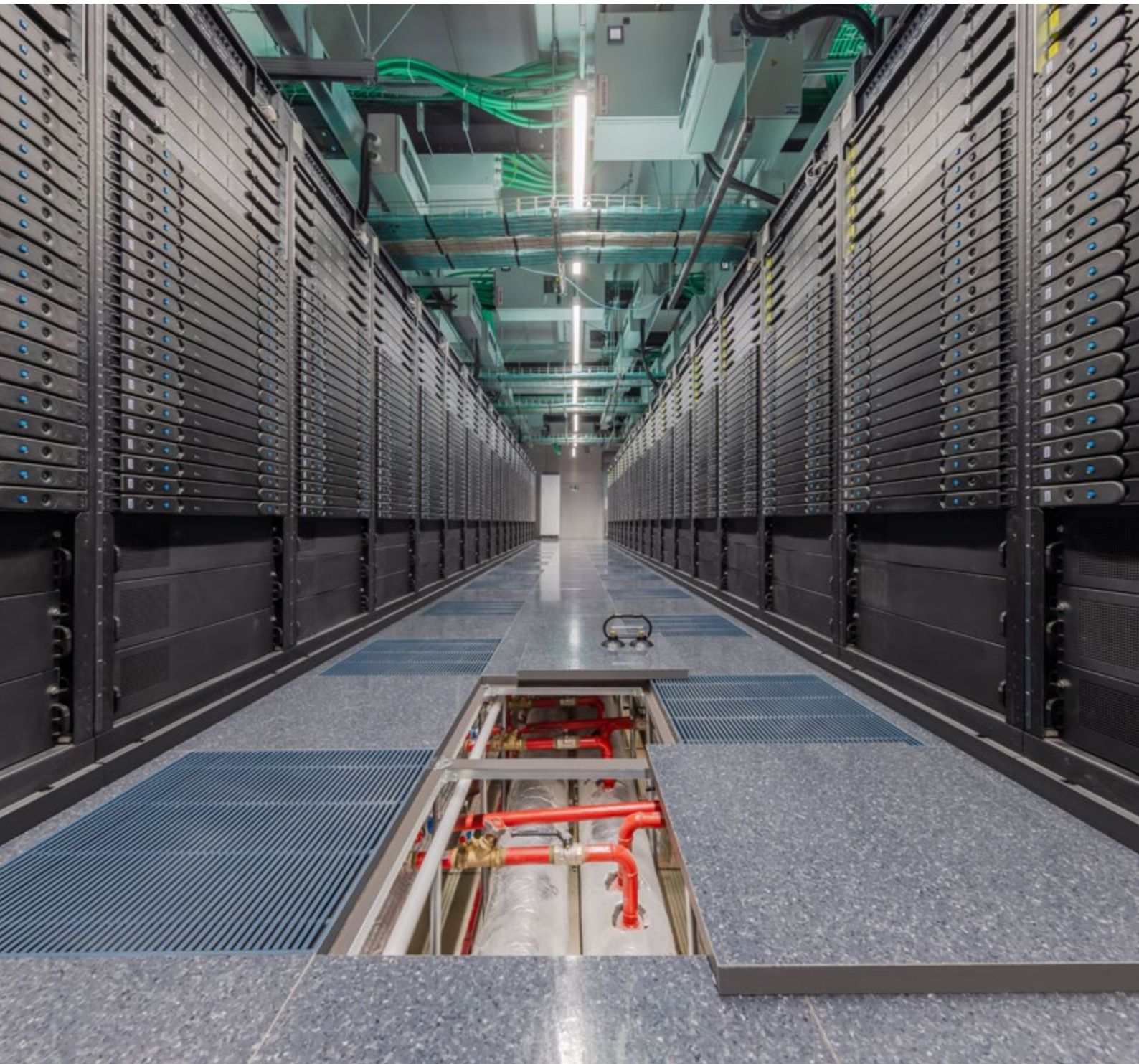
- JUNO is available in standard version, with a diffused light on the whole surface, and in silk-screen printing version, with **engraving** or printing.
- designed as decorative panel, JUNO can be customized with **various texture**, making each project unique.
- composed of **eco-friendly** materials, it has a very low energy consumption with a minimum duration of 30.000 hours and absorption of only 30 W.

JUNO can be designed in the **SMART** version, interactive under footfall, or **VISUAL**, which allows multimedia projections in the floor thanks to the integration of the walkable video display.
Both solutions are ideal for exhibition environments and installations with a high visual impact.

high connectivity

data floor



Data Floor is the **high-performance floor system,** capable of adapting to the constant evolution of server rooms. Modular and flexible, Data Floor represents a versatile solution, which **supports the development of spaces** by increasing thermal volumes, connections and wiring, significantly reducing management and maintenance costs over time.
The flooring system dedicated to IT environments is composed of panels with a high-density core, in chipboard or calcium sulphate, covered with high-resistance finishes such as HPL laminate, vinyl or rubber. The distinctive aspect is represented by the **extremely high-performance TR structure,** which allows a customized configuration on the underlying flows, with **heights of up to 180 cm.**
The system also offers the possibility of being integrated with various accessories such as **grid or perforated panels,** which ensure uniform air distribution.

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- **high mechanical performance:** Data Floor satisfies even the most severe mechanical restrictions, thanks to the quality of the design and components.
- **flexibility over time:** Data Floor can be reconfigured based on any future layout needs.
- **optimal distribution of the underfloor systems:** the minimal size of the supporting structure allows maximum flexibility in the distribution of the systems.
- **uniform air distribution:** Data Floor offers the possibility of being integrated with ventilation accessories, to support the machine cooling process.
- **ease of maintenance:** the accessibility of the floor system offers easy access in the event of faults.

technical collection

resilient and hpl

laminate

The high pressure laminate (HPL) is a **very resistant anti-abrasion finishing,** particularly suitable for **technical rooms and high traffic areas.** It offers a wide range of colors, including the wood effect collection.
The laminate covering has a standard thickness of 0.9 mm up to 1.2 mm and can also be produced with **various abrasion resistance coefficients.**

vinyl, linoleum, rubber

Vinyl, linoleum and rubber are resilient coverings, particularly indicated in technical rooms, hospitals and medical studios, airports.
- vinyl is a covering available in a wide range of colors and finishes effects, which can be supplied in **antistatic, static-dissipative (SD) or conductive** versions; the SD version is the ideal solution for data centers.
- linoleum is a covering of excellent abrasion resistance and is produced using **eco-friendly materials.**
- rubber is a very resistant covering, ideal in **high traffic areas.**
Resilient coverings are available in **various thicknesses,** from 2 mm up to 3.2 mm or more, in same cases supported by foams or cork substrates in order to improve sound insulation.

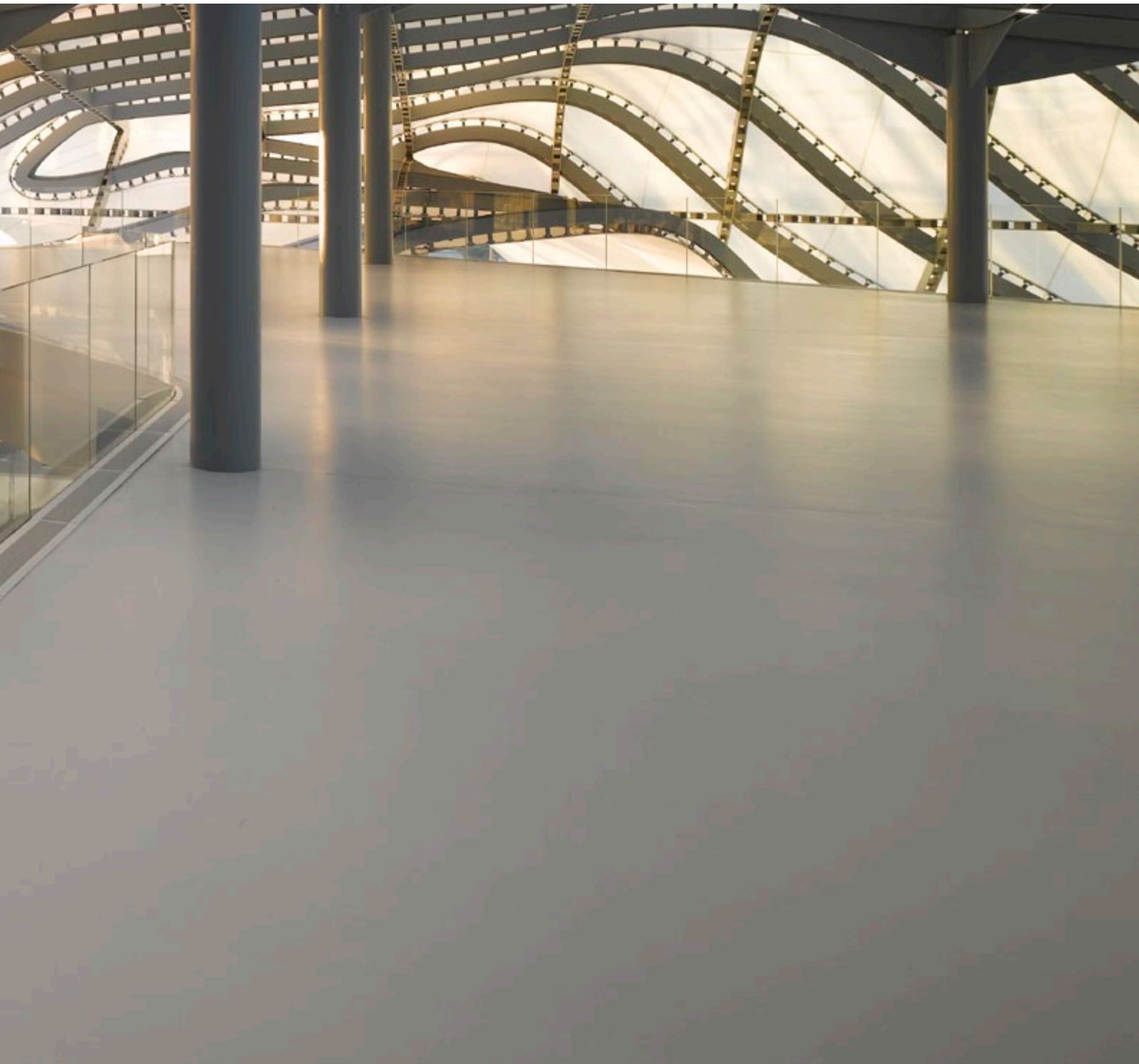
free to move

loose-lay finishes

Loose-lay finishings are an extremely **versatile** solution in terms of materials (textile, resilient, ceramic), formats and colours. They are characterised by the **easy installation,** simply laid on bare panels (primer or aluminium foil on the top surface). They are immediately walkable, totally reversible and maintain full accessibility to the underfloor.
Nesite completes the range of loose-lay coverings with **an exclusive proposal in natural cork.** It is a solution that encloses all the sustainability and performance characteristics of cork, ensuring high **footfall comfort and sound insulation,** further implemented by the 3 mm recycled rubber support. The loose-lay cork finishing is also very resistant to abrasion thanks to the **Hot Coating** treatment of the surface.
Dimensions: 60 x 90 cm.
Other sizes are available upon request.

stand together

tetris floor



Tetris floor is the dry raised floor system with high density calcium sulphate core characterized by the **tongue and groove edge**. Available in various thicknesses, it allows access to the underfloor only in certain points, through access panels.

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- **rapid** and efficient installation thanks to the dry laying.
- great mechanical resistance thanks to the **hardness** of the tongue and groove system.
- surface **smoothness**.
- fire resistance class REI 30 (according to UNI EN 13501-2).
- acoustic insulation.
- it can be finished with **any type and size of top covering**, loose - laid or glued.
- possibility to install dry walls directly on the Tetris Floor, as well as to install ramps, steps and terracing (e.g. auditorium).

warm touch

diffuse

Diffuse is the first **patented dry radiant raised access floor** completely accessible, which does not require any cement screed for the thermal regulation of the space where it is installed. It is lightweight, fast and easy to install, can be **immediately walked** on and has a very low thermal inertia. Diffuse was designed to optimize the highest thermal efficiency, without sacrificing the characteristics that a raised floor must ensure.

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- rapid and efficient installation, thanks to the **dry laying.**
- totally **accessible:** each panel can be removed and repositioned without any constraint.
- no architectural limit thanks to the total lack of heating elements in the room (e.g. fan coils or radiators), for the maximum **freedom** and purity of design.
- no convective motion of air in the room, no alteration of air quality and reduction in the amount of dust into the room.
- high **thermal performance**, fast response speed and excellent temperature distribution (uniform heat up to 2.5 m high).
- **energy saving**, minimum 30%.

outdoor vibe

twin floor

Twin floor is a very high density panel (**2.200 Kg/m³**), realized through a **special coupling process** of the ceramic or stone covering to the panel core composed of inert and inorganic materials, sintered at very high temperatures.
It's a floor of high mechanical performance that guarantees **dimensional stability** in presence of humidity, water and changes of temperature.
Ideal for paving outdoor atriums, gazebos, pool surroundings. It can be applied **dry** (just laid) directly on gravel or grass, but is normally installed on PVC supports of various heights.
Twin floor is also available in the version with ABS edgetrim for **indoor spaces**.

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- **lay the floor faster** than with traditional floor and consequent time saving.
- inspect the underfloor space easily and quickly.
- improve the thermal insulation, thanks to the space between the raised floor and the slab.
- drain the rain water, thanks to the special shape of the panel.
- high **mechanical resistance**, non-absorbent, fire reaction class A1.

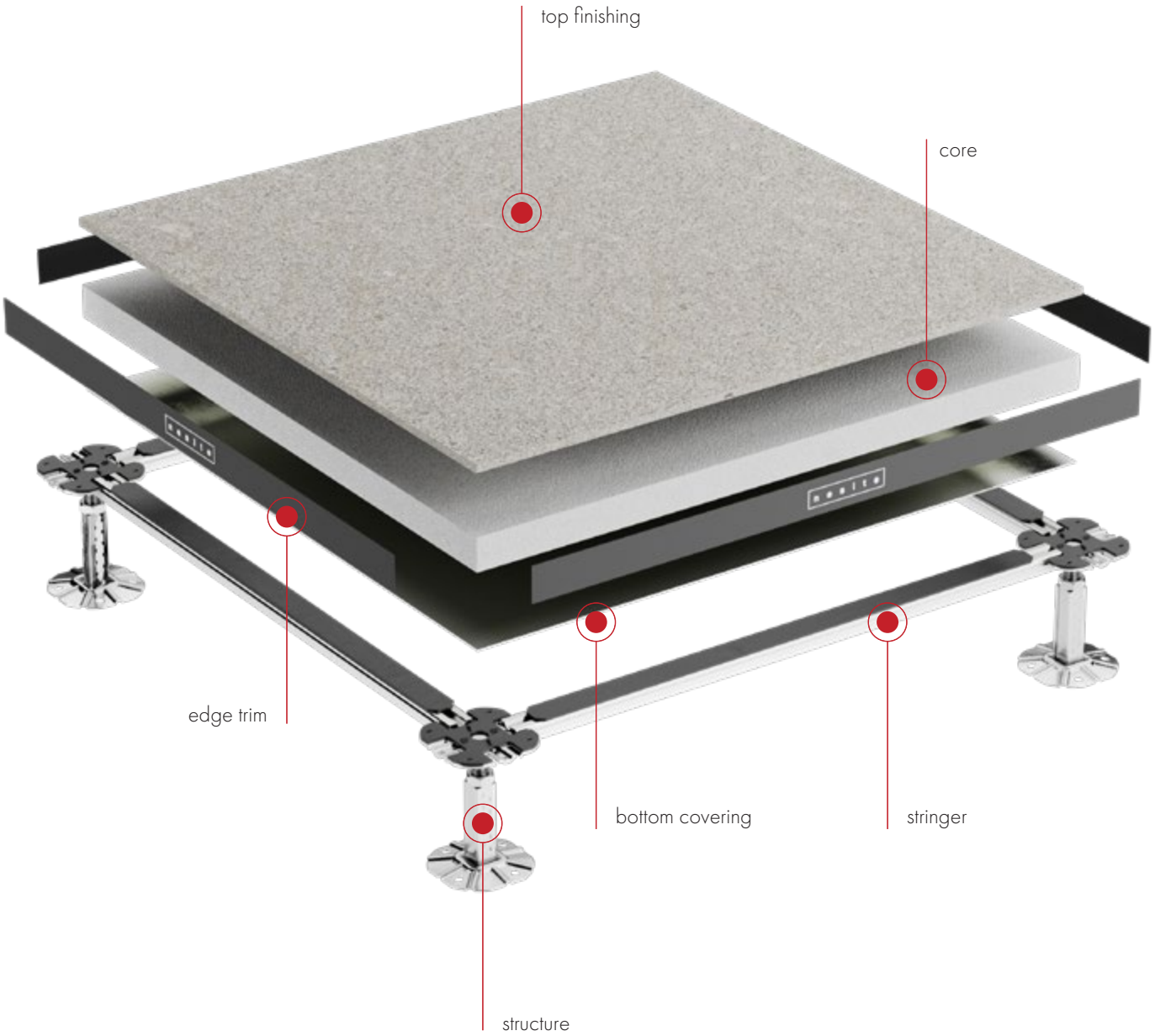
experiencing indoor greenery

Floor_a

Floora is the flexible system of **floor plants**, interchangeable with the raised floor panels, also pre-existing, which allows you to design customized green areas in indoor spaces.
The **simplicity** of composition makes it possible to create **islands or green paths** in just a few hours, choosing from plants of various types and heights, which can be used as decorative or dividing elements. Floora also uses the **hydroponics** system, a plant cultivation technique with multiple advantages in terms of maintenance and sustainability.
Easy to insert, Floora thus promotes an idea of contemporary and to all intents and purposes green living, sensible to the **wellbeing of people** and the environment.

+

- Floora offers the possibility to **create your own** composition by choosing among many indoor plants.
- the use of **expanded clay**, an inert material typical of hydroponics, ensures better support for plant development, guarantees perfect drainage of the nutritive liquid and saves around 80% of water compared to traditional plantation.
- Floora improves the **air quality:** plants absorb CO2, produce steam and regulate humidity, but they also absorb heat and noise, and filter the air.
- Floora is conceived to be installed in a few **simple steps**. The module is delivered ready to plug in and can be positioned in place of any raised floor panel.
- healthier, **less stressed**, happier, plants reduce negative sensations, positively influencing regeneration and concentration, productivity and creativity.


top finishing
core
edge trim
bottom covering
stringer
structure

what's going on down there

raised floor system

The raised floor is a system composed of **modular panels,** combined with a galvanized steel supporting **structure.**
The panels can have different types of **core** (chipboard or inert) and top covering (plastic laminate, resilient, gres of ceramic, parquet, marble). There is also the possibility of choosing panels without top covering, suitable for loose – lay coverings that allow the **inspection**.
Each panel has a **perimeter protection** which guarantees both a perfect junction and an easy handling.
The structure, easy to install, is composed of various heights **supports** (from 3 cm to more than 100 cm) and from stringers whose dimensions vary according to the load required.
The **performances** of the system depend on both components (panel and structure) which comply with precise regulations in terms of resistance and reaction to fire, load-bearing capacity, antistatic properties and acoustic insulation.

panels

The panels are the **main part** of the raised floor system, at the same time helping to ensure the designed load resistance and determining the aesthetic characteristics of the space.
Each panel consists of four elements:

I. Top covering, the element that characterizes the appearance of the finished floor. Available in a wide range of materials and colors.
II. Panel core, the structure the panel is made of, which determines the load-bearing characteristics and fire performance. It can be made of various kinds of materials in various thicknesses.
III. Edge trim, in high mechanical, thermal resistant and antisqueak ABS. It covers the perimeter of the panel, protecting it from accidental hits. It guarantees a perfect junction between panels, for an easy handling and repositioning.
IV. Bottom covering, of various types:
- anti-dust primer (only for calcium sulphate panels).
- aluminum foil, 0.05 mm thick, contributing good protection against the possible humidity under the floor.
- galvanized steel sheet, 0.4 mm thick, ensuring protection against humidity and improving the panel's mechanical resistance.

The standard size of Nesite panels is 60x60 cm but, upon request, **customized** dimensions can be supplied.

n e s i t e

panel core

chipboard

Good footfall comfort
Discreet acoustic comfort
Good load capacity
Fire resistance: 30 min
Interchangeable panels that are easy to remove
Wide range of top coverings

Its light weight, low cost, ease of processing, simple and economical installation, combined with good technical characteristics, make the chipboard core the most requested and used in the market. The element that defines the mechanical qualities of this material is its density.
Nesite uses exclusively FSC® chipboard in class E1 (according to EN 717-2) for its panels, with very low formaldehyde emissions and high density 730 kg/m³.
It's available in two thickness:
- 28 mm, used when a high load capacity is not required;
- 38 mm, the most requested thickness due to its good performance and complete certification.

panel core

calcium sulphate

Very high footfall comfort
High acoustic comfort
Excellent load capacity
High fire resistance: 30 or 60 min
Interchangeable panels that are easy to remove
Wide range of top coverings

The calcium sulphate core is considered the top of the range and is used when high performance floors are required. It consists of a monolithic layer of calcium sulphate, anhydrite-reinforced, with recycled cellulose fibers, reaction to fire in class A1, according to EN 13501-1.
The main feature that ensures high performance is the density. Nesite uses Knauf calcium sulphate with a density of 1600 kg/m³, the highest available on the market. The panels produced with this type of core represent the best combination of technical quality and performance, with high characteristics in terms of thermal insulation in case of fire.

n e s i t e

panel core

sintered material

Very high footfall comfort
Good acoustic comfort
Excellent load capacity
Completely fireproof and waterproof
Reduced thickness: only 25 mm, including gres covering

The panel with sintered material core is born as an innovative solution for outdoor or high humidity areas, but it is also an excellent solution for the indoor spaces.
This type of panel is composed of a core of inert and inorganic material, with a very high density (2200 kg/m³), sintered at very high temperatures. Thermal shock resistant, non-absorbent (0,05% water absorption), frost-proof. The fire reaction of the panel core is in class A1, according to EN 13501-1. The top covering is available in ceramic or stone materials.
Thanks to its excellent characteristics, can be installed in outdoor areas in direct contact with the atmospheric agents, to guarantee unparalleled durability and long life.

n e s i t e

structure

The structure is the **fundamental** element of a raised floor, as it determines the height over the surface it is lying on. It is composed of two elements: the columns which constitute the vertical element **adjustable** in height, and the connection stringers.
The structure is available in **different** heights for different needs, from a minimum of 3 cm to 100 cm in the standard version. Upon request, it is also available for bigger heights, condition that requires specific design and installation features, such as the use of bracings. The structure is able to bear very **high loads**, as it relies on different types of stringers, both open and closed section.
The **sound-absorbing** gaskets on the head of the column are made of antistatic or conductive plastics and allow an optimal positioning of the panels thanks to dedicated spacers stops. Nesite, furthermore, proposes the installation of an acoustic pad at the base of the structure, a simple and inexpensive solution that maximizes the sound insulation, reducing significantly the noise transmission.

types of structure	
mps	structure without stringers, suitable for light loads and heights < 60 cm. Pedestal glued to the slab.
mpl	structure with light, open cross-section stringers that strengthen the system horizontally, ensuring stability between the columns even without gluing them to the sub-floor, in case of heights < 60 cm.
mpm	structure with medium resistance and open cross-section stringers. Ideal for areas with medium traffic.
mph	structure with high resistance and closed cross-section stringers. Ideal for data centers, technical rooms or offices with high traffic.
bpc	structure indicated for very high loads and suitable for any type of panel. It consists of vertically adjustable columns and closed cross-section stringers, L 1800 and 550 mm.
tr	structure designed specifically for technical rooms such as Data Centers, characterized by high load performance and flexibility in the positioning of the columns, thanks to the combination of long and short stringers, fixed to flat or cross heads.

certifications

Nesite promotes a quality policy that embraces sustainability issues, proven by various certifications and voluntary impact assessment processes, regulated by international standards. Choosing Nesite raised floors means relying on a company constantly committed to reducing its environmental footprint, whose aim is to communicate the supply chain quality in an authentic, transparent and accredited way.

CRADLE TO CRADLE®
Nesite has obtained for the calcium sulphate panels the Cradle to Cradle Certified® Full Scope Bronze certification Version 4.1, one of the most accredited international standards for the circular economy and sustainability of materials; issued by the Cradle to Cradle Products Innovation Institute (C2CPII), the certification reports the environmental impact of calcium sulphate core flooring (including the Tetris Floor system) and MPS, MPL, MPM, MPH, BPC structures, evaluated over the entire life cycle according to the cradle-to-cradle model.

EPD
Nesite developed its own EPD declaration, an environmental label based on international norms such as ISO 14025 and EN 15804, standards verified by independent organisations and recognised by the most important LEED protocols. The declaration reports the environmental impact of all the systems declined in the different finishes , evaluated in the entire life cycle according to the "cradle to gate" model.

FSC®
Nesite has obtained the FSC® Chain of Custody (CoC) certification, which guarantees that floors made of chipboard core panels and/or with parquet coverings contribute to safeguarding forest heritage.

CE MARKING
Nesite has implemented the CE marking in the raised floor sector, one of the most authoritative labels guaranteeing high production, performance, safety and health standards. The first markings issued concern calcium sulphate solutions without coverings in the various thicknesses, a path that will continue for the categories most used on the market.

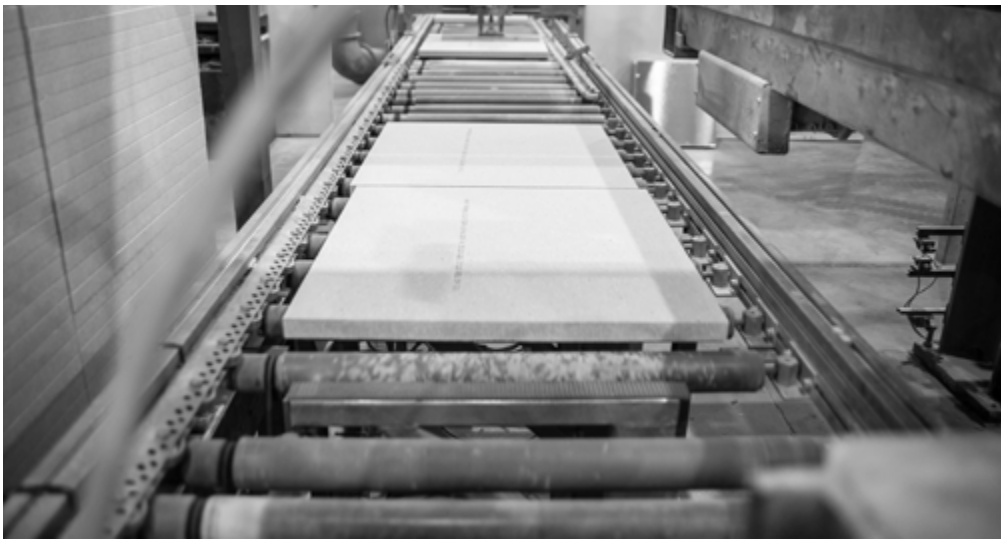
FDES
FDES is the quality declaration of Nesite raised floors dedicated to the French market. It is in fact a document describing the environmental and health performance of construction products, evaluated according to international standards EN 15804, ISO 14025, French national standards NF EN 15804/CN and reference PCR. The FDES declaration, published on INIES database, reports information based on the LCA study of all Nesite raised floors with chipboard core, in various thicknesses and finishes.

ISO 14001
Nesite is a UNI EN ISO 14001 certified company, a standard that implies constant development and implementation of policies, procedures and processes aimed at reducing its environmental impact.

ISO 9001
Nesite has obtained the quality management system certification according to the international standard UNI EN ISO 9001, a guarantee of high standards in terms of processes, products and services.

n e s i t e

company



With over fifty years of experience, Nesite is the benchmark brand in the raised flooring sector, part of the **Transpack Group.** The company specialises in the design, production and installation of modular flooring systems for both indoor and outdoor spaces, seamlessly integrating into any architectural context — from delicate restoration and redevelopment works on historic buildings to urban regeneration projects with high sustainability standards.

The versatility of Nesite's systems lies in the very nature of the technology used: a dry, non-invasive and highly efficient solution that allows for precise adaptation to the specific requirements of each project, even in the most complex cases.

Choosing Nesite means relying on a company that has made sustainability a guiding principle, a concrete commitment to reducing environmental impact, supported by constant investment in the quality of the supply chain.

3	500.000	50	26,5
locations	m^2 production capacity	employees	mln. € turnover 2023

TRANSPACK GROUP

transpack group

Transpack Group is one of the biggest Italian companies specialized in the production of **industrial packaging and integrated logistics services.** Over the years, through acquisitions and the creation of newcos, it has developed its own network in Italy and abroad, becoming one of the major national players in its sector. In a logic of business diversification, it subsequently invested in the construction and real estate sector with the acquisition of the Nesite flooring branch.

Both companies share a tailor-made approach, which works to identify customized solutions and operate reliably in high-level international contexts, supported by a virtuous, socially responsible and long-term sustainable business model.

Creating value beyond profit, the Group acts in full sharing of the principles of sustainability as a **Benefit Company,** embracing the circular economy model, with the implementation of anti-waste policies, important investments in reducing consumption and energy efficiency, certified eco-sustainable supply chains.

Transpack Group, through its network, offers customers a wide range of logistics solutions thanks to a strategic network of hubs in the area - with branches also in Croatia, Slovenia and the UAE - supported by over 500 collaborators.

Stability, high production and storage capacity, growth and constant investments: Transpack Group is today a logistics partner for great Italian excellences in the industrial plant engineering sector, solid collaborations based on full sharing of objectives and values.

35	250.000	600	110
logistics hub	m^2 storage areas	employees	mln. € turnover 2023

TRANSPACK GROUP

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