

LARGE WORKS



ZAHA HADID ARCHITECTS WAS FOUNDED IN 1979 AND FOR 38 YEARS, NOW 400 STRONG, BASED IN LONDON, CITY, AND DUBAI, WE ARE KNOWN INTERNATIONALLY FOR REVOLUTIONARY EXPLORATION AND RESEARCH IN THE OVER FOUR DECADES OF PRACTICE, ZAHA HADID ARCHITECTS IS UNCLASSIFIABLE AND YET INSTANTLY RECOGNISABLE.

ZHA HAVE A GROWING TRACK RECORD DESIGNING AND INFRASTRUCTURE PROJECT, THE HOEHNHEIM-NORD TRAIN STATION, THE PRACTICE'S EARLIEST BUILT PROJECTS, REPRESENTING INTELLIGENT INFRASTRUCTURE USED BY THOUSANDS OF PEOPLE. THE BRIDGE PAVILION, FEATURES A TECHNICALLY CHALLENGING DESIGN, NEARLY 70M DEEP – THE DEEPEST EVER CONSTRUCTED IN SUCH A NEW AIRPORT, WHERE WE ARE CURRENTLY WORKING ON THE DESIGN WITHIN THE TERMINAL BUILDING; ON COMPLETION IT WILL BE THE LARGEST TERMINAL BUILDING IN THE WORLD.

ZAHA HADID ARCHITECTS

ARCHITECTURE IN MOTION
ARCHITETTURA IN MOVIMENTO

LARGE WORKS
RESIN FLOORING

Prima
PAVIMENTI SPECIALI

EXHIBITION ENVIRONMENTS
AIRPORTS
HELICOPTER PLATFORMS
TRANSIT PLACES
RAILWAY STATIONS
UNDERGROUND STATIONS
BUS TERMINALS
MILITARY AND DEFENCE SECTOR, HANGAR
PORTS
BRIDGES, VIADUCTS AND TUNNELS

HIGH-STRENGTH CONTINUOUS SURFACES
NON-SLIP SAFETY
HIGH CHEMICAL RESISTANCE
TO HYDRAULIC FLUIDS
CERTIFIED SOLUTIONS
ECO-SUSTAINABLE SOLUTIONS
DESIGN & CUSTOMIZATION

URBAN

DESIGN STAGE

Designing and selecting a resin coating for infrastructure has very different requirements depending on the application. Concerning major projects, through our own internal structure facing the same in complete autonomy, both from an executive and organizational point of view, through their own highly qualified staff. We have also identified high-quality flooring systems (intended as high performance materials and innovative application technologies) to prevent deterioration problems occurrence, shifting maintenance far ahead over time. All in compliance with current regulations.

ACQUIRED **KNOW-HOW** IS EXPRESSED
IN THE **EFFECTIVENESS**
OF THE PROPOSED **SOLUTIONS**

SAFE AND LASTING CHOICES

FUNCTIONALITY AND DETAILS

Jointless surfaces, resistant to intense pedestrian traffic. In addition to aesthetics and customisation, key features include waterproofing, sound absorption and foot traffic resistance, abrasion and trolley resistance, dust resistance.

EASY MAINTENANCE

With continuous surfaces and resin coatings, maintenance is minimal and cleaning is easier, saving time and money. We suggest professional cleaners for cleaning resin coatings (as PrimaFloor Cleaner®), which help to prolong the life of the floor.

SAFETY

Floors designed to prevent accidents, non-slip, tactile paths for the visually impaired.

GUARANTEES

We are structured to be with the customer every step of the way, from design to delivery, to provide targeted solutions to meet project requirements.

DURABILITY

High levels of UV resistance and color stability for a long service life and low maintenance costs. Long-lasting coatings that resist deterioration and loss of performance.

COMFORT

Integrated solutions to help reduce walking noise. Underfloor heating compatible solutions.

DESIGN

A wide range of floor and wall finishes, effects and colors for any environment, with extensive customisation options.

SHORT INSTALLATION TIME

Very fast installation time, application on existing floors with considerable time and cost savings.

EXPERIENCE

For over 40 years, we have been in charge of the floors of the largest food industry in the country.

SUSTAINABILITY

We use solutions that meet the highest standards of health and well-being. All floor coverings are low emission (VOC free) and meet the stringent parameters of the German AgBB standard.

LEED

The resin system or polyurethane cement coating used includes a LEED® information statement detailing how it can contribute to the building's LEED credits.



**QUALITY IS VISIBLE
AND 100% CERTIFIED**

LARGE WORKS



SOLUTIONS LARGE-SCALE WORKS AND CONSTRUCTION SITES

FLOORING RENOVATION

ACCESS CORRIDORS
CONNECTING BRIDGES
WAYFINDING - HORIZONTAL AND
VERTICAL SIGNAGE
HANGARS AND STORAGE AREAS
EXHIBITION AREAS
TRANSIT AREAS
ACCESS DOCKS
BAGGAGE TERMINALS
WAITING AREAS
REFRESHMENT AND TOILET
AREAS
SHOPPING ARCADE
PARKING
OUTDOOR AREAS

To maintain the high quality and efficiency of public or private service infrastructure flooring at all times, resin coatings are ideal for restyling projects, short intervention times, and customizable solutions that combine functionality and design for better management and sustainability.

Concerning major projects, through our own internal structure facing the same in complete autonomy, both from an executive and organizational point of view, through their own highly qualified staff. We have also identified high-quality flooring systems (intended as high performance materials and innovative application technologies) to prevent deterioration problems occurrence, shifting maintenance far ahead over time. All in compliance with current regulations.

A high-performance floor contributes to an efficient facility and a more comfortable and safer environment.

COMBINE
FUNCTIONALITY AND DESIGN

Taxi
**Auto
private**

Project: Kiss & Ride Station - Bologna (IT)

MULTI-LAYER EPOXY SYSTEM

Multi-layer epoxy coatings provide surfaces with sufficient thickness to mitigate the imperfections of the original floor and offer excellent resistance to mechanical and chemical loads. Several layers of resin are applied. Quarz sanding of each layer to ensure perfect adhesion between layers, maintaining anti-slip characteristics and improving mechanical strength. They can also be self-levelling.

POLYURETHANE SYSTEMS

Polyurethane resin systems (also self-levelling) are widely used where greater strength is required. Several layers are applied, based on two-component epoxy resin (possibly quartz sanding) or polyurethane resin. These are particularly resistant systems that bridge and even out cracks in the original surface and are particularly resistant to impacts, abrasion, and chemicals.

DECORATIVE SYSTEM

Self-levelling cementitious mortars and pastes are cementitious-based coatings featured with a more textured and natural effect. They consist of special ultra-fast setting hydraulic binders to realize flooring and architectural elements, in thicknesses between 5 and 40 mm. They can be dry sanded, to obtain decorative floor coverings with matt or glossy finish, with natural effect, trowelled, cloudy, Venetian Terrazzo type.

LARGE WORKS



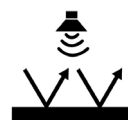
Project: Cité Musicale de l'Île Seguin Paris (France)



Project: Bologna Exhibition (BO) - Italy



Impact
Resistance



Acoustic
comfort



Non-slip



Easy
to clean



UV resistant

INDOOR EXHIBITION ENVIRONMENTS

DECORATIVE SYSTEMS

Medium thickness 6 mm

Decorative versatility, unchanged performance over time, and minimal maintenance are some of the main points required for crowded public places.

For exhibition halls or exhibition areas, as these are high-traffic areas, flooring solutions must guarantee high resistance, ease of cleaning and maintenance.

FEATURES

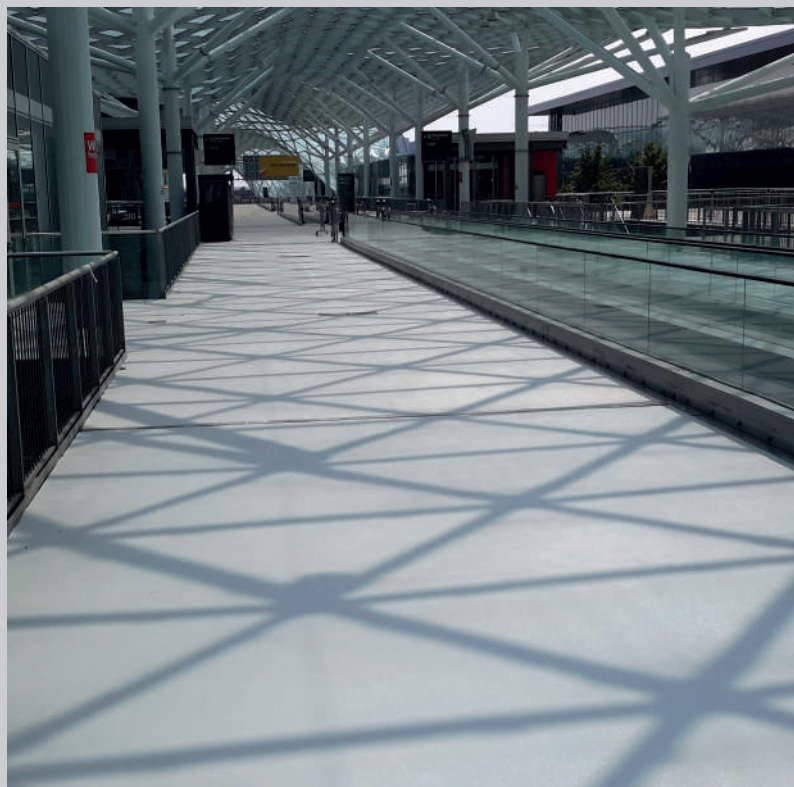
- Continuous surfaces
- Resistant to heavy traffic
- Scratch and impact resistant
- Non-slip
- Sound absorbent if required
- Easy cleaning and maintenance
- Design customisation
- Variable thickness
- VOC free
- Fire resistance class Bfl-s1

ACCESSORIES

Tactile paths for the visually impaired

LARGE WORKS

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Project: Milano Rho Exhibition - Ponte Mari bridge - Milano -Italy



Project: Milan 2015 Expo bridge - Milano (IT)



Impact
Resistance



High resistance
to loads



Non-slip



Easy
to clean



High UV
resistance

OUTDOOR EXHIBITION ENVIRONMENTS

POLIURETHANIC MULTI-LAYER

Thickness from 4 to 4.5 mm

Elastic, high-strength polyurethane waterproofing systems, particularly suitable for bridges and walkways or outdoor pedestrian flat roofs. Compliant with UNI EN 1504-2: performance according to EU regulations for the protection of reinforced concrete.

FEATURES

- Continuous surfaces
- Crack bridging ability
- Resistant to heavy traffic
- High chemical resistance
- High UV resistance
- Scratch and impact resistant
- Non-slip
- Low dirt pick-up
- VOC free
- Fire resistance class Bfl-s1

ACCESSORIES

Tactile paths for the visually impaired

LARGE WORKS

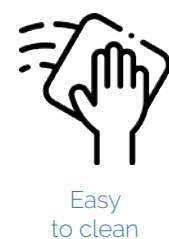
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Project: Bologna Kiss & Ride Railway Station (BO) - Italy



Project: Napoli Afragola Railway Station (NA) - Italy



RAILWAY STATIONS

Epoxy multilayer flooring is a proven solution for railway stations where high performance is required such as durability, safety, resistance, and functionality, without forgetting the aesthetic aspect, usually minimalist or decorative. All solutions can be customized according to project requirements to define spaces, direct passengers through the structure, and include elements in the flooring or tactile paths.

In high-transit, high-stress areas, high-thickness epoxy mortar systems can be realized, providing much higher performance for long-term durability and resistance to steel trolley traffic and other types of abrasion.

FEATURES

- Continuous surfaces
- Resistant to heavy traffic
- Scratch and impact resistance
- Non-slip
- Soundproof
- Easy cleaning and maintenance
- Design customization
- Variable thickness
- VOC free
- Fire resistance class Bfl-s1

ACCESSORIES

- Tactile paths for the visually impaired
- Inclusion of floor inserts
- Tailor-made decorative wall cladding slabs

MULTI-LAYER EPOXY SYSTEM

Thickness from 3 to 3,5 mm

EPOXY MORTAR

Thickness from 6 to 15 mm

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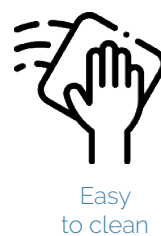
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Resin signage - Wayfinding



Project: Milan Line 4 Subway Station - Linate (MI) - Italy
Textured decorative floor and wall coverings.



UNDERGROUND STATIONS

DECORATIVE SYSTEMS

Medium thickness 6 mm

To facilitate orientation and usability, spaces must first be easy-to read, that is, have an internal coherence that makes it easy to understand how they are organized. It is also important that the various elements of the space are easy to identify for those moving through the environment. Self-levelling cementitious floor coverings or floor coverings with a strong material effect, with a variety of finishing effects.

Resin flooring plays an active and important role in the horizontal and vertical signage of modern wayfinding systems: thanks to the wide range of colors available, it is possible to create precise wall or floor signage, pictograms, and text in colors of great visual impact.

FEATURES

- Continuous surfaces
- Resistant to heavy traffic
- Scratch and impact-resistant
- Non-slip
- Easy cleaning and maintenance
- Design customisation
- Variable thickness
- VOC free
- Fire resistance class Bfl-s1

ACCESSORIES

- Tactile paths for the visually impaired
- Design of logos, patterns, pictograms

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Impact
Resistance



Non-slip



Eco-Friendly



High chemical
resistance



UV resistant



High rolling
resistance

AIRPORT TERMINALS

Passenger, baggage and waiting areas, as well as other high-traffic areas within the airport, require a floor that is functional, aesthetically pleasing, durable, safe and comfortable.

High performance comfort polyurethane systems, or the more decorative Venetian terrazzo type, are characterised by long life, higher resistance than traditional epoxy systems and are able to withstand the constant, heavy foot traffic and intensive cleaning procedures of airports.

FEATURES

- Continuous and safe surfaces
- High tensile strength
- High resistance to heavy daily traffic
- High resistance to wear and scratches
- Resistance to cigarette burns
- Withstands the impact of trolleys and heavy suitcases
- Resistance to airport wheels trolley luggage marks
- Acoustic comfort
- Resistance to slipping or sliding R10/R11
- VOC free
- Fire resistance class Bfl-s1
- Reduction of operating costs during lifetime
- Increased aesthetic and functional value of the building

ACCESSORIES

- Resin wall coverings
- Floor-to-wall junctions
- Tactile pathways for the visually impaired

SELF-LEVELLING COMFORT POLYURETHANE SYSTEM

TERRAZZO SYSTEM

LARGE WORKS

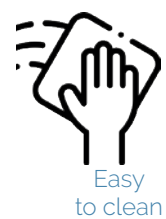
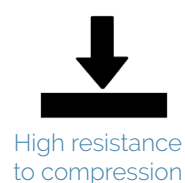
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Project: Leonardo Hangar - Venegono (VA) - Italy



Project: Tessera Airport Hangar - Tessera (VE) - Italy



AIRPORT HANGARS

EPOXY MORTAR

Thickness from 6 to 15 mm

An epoxy trowel mortar system is a floor that can withstand heavy traffic and loads and is ideal for restoring old industrial floors, with a thickness of 6 to 15 mm, giving it exceptional mechanical and wear resistance.

It is also possible to apply the epoxy mortar system on heavily damaged existing floors or to restore minimal slopes and depressions in concrete floors, without completely demolishing the existing substrate.

These solutions have a high chemical resistance, offer complete protection against the spillage of fluids used in aviation, and are recommended for all areas exposed to this type of risk.

They are ideal for military and defense facilities such as aircraft and ship maintenance hangars, storage areas, canteens, ammunition facilities, and even multi-purpose vehicles.

FEATURES

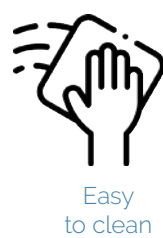
- Anti-slip effect.
- Reduction of costs and intervention time when restoring heavily deteriorated old floors.
- High resistance to most aggressive chemicals and oils.
- Easily cleaning and sanitizing.
- High mechanical and compressive strength and resistance to wear caused by moving aircraft.
- High resistance to high volumes of vehicle traffic and heavy loads.
- Long service life.
- UV-resistant.

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Project: Milan Niguarda Hospital heliport (MI) - Italy



AIRPORT OUTDOOR

Resin solutions are suitable for coating the floors of heliports or airfields located on the ground or above ground, as they guarantee a surface free of irregularities that could adversely affect helicopter landing or take-off operations.

High-performance resin coatings can withstand exposure to atmospheric agents and the frequent use of de-icing salts required to keep the runway clean at all times.

They withstand extreme stress and abrasion, sufficient to withstand an aborted helicopter take-off or withstand the down flow of a rotor.

Our services include the creation of runway signage to guide pilots during landing and take-off operations.

FEATURES

- Resistant to most diluted chemicals such as acids, bases, oils and fuels
- High wear and abrasion resistance
- Permeable to water vapour
- Prevents water accumulation on the surface
- Non-slip effect
- Durable over time

MULTI-LAYERED VAPOUR PERMEABLE EPOXY SYSTEM

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CASE HISTORY

Our industrial know-how and expertise in this field, our partnerships as well as recognized qualities over the years, have allowed us to become a major player in this sector.

The best calling card is the flooring we have realised. In Italy, in Europe and, in the rest of the world.

SOME OF OUR
CUSTOMERS



SEA Parking
Linate airport (MI)
Italy



Railway Station
Napoli Afragola (NA)
Italy



Helicopter Base
5th Luni Wing
Sarzana (SP)
Italy

LARGE WORKS

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