

LARGE WORKS



ZHA 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, ZHA HADID ARE UNCLASSIFIABLE AND YET INSTANTLY RECOGNISABLE F

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

LARGE WORKS
RESIN FLOORING

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WHERE

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

BENEFITS

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



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.

LARGE WORKS

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.

**QUALITY IS VISIBLE
AND 100% CERTIFIED**



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.



LARGE WORKS

SOLUTIONS LARGE-SCALE WORKS AND CONSTRUCTION SITES

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

COMBINE
FUNCTIONALITY AND DESIGN

FLOORING RENOVATION

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.

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 SYSTEM

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

INDOOR EXHIBITION ENVIRONMENTS



Impact
Resistance



Acoustic
comfort



Non-slip



Easy
to clean



UV resistant

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

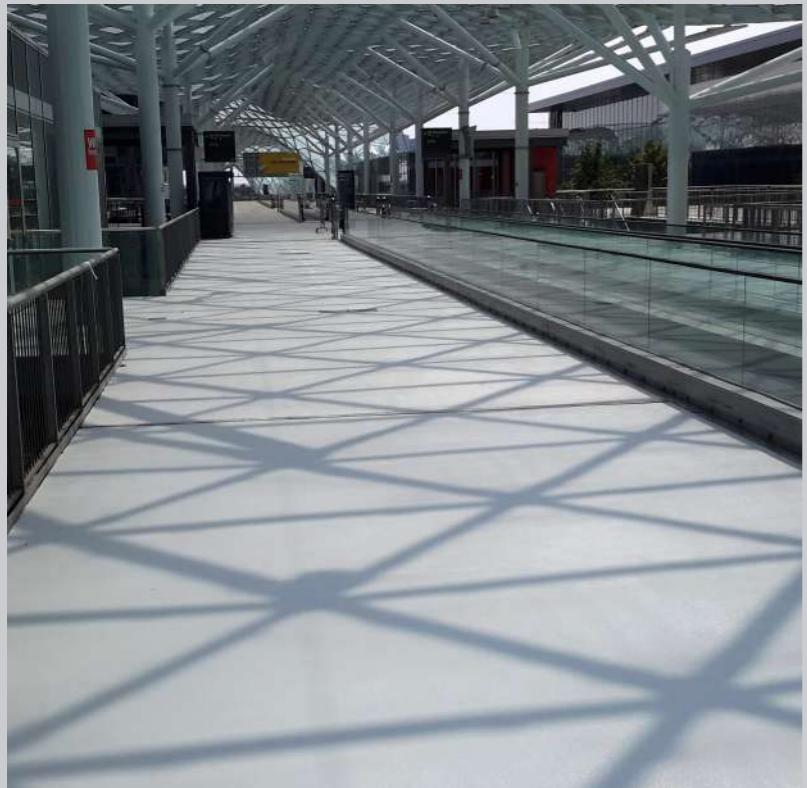
Tactile paths for the visually impaired

DECORATIVE SYSTEMS

Medium thickness 6 mm

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



Project: Milan 2015 Expo bridge - Milano (IT)

OUTDOOR EXHIBITION ENVIRONMENTS



Impact
Resistance



High resistance
to loads



Non-slip



Easy
to clean



High UV
resistance

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

POLIURETHANIC MULTI-LAYER

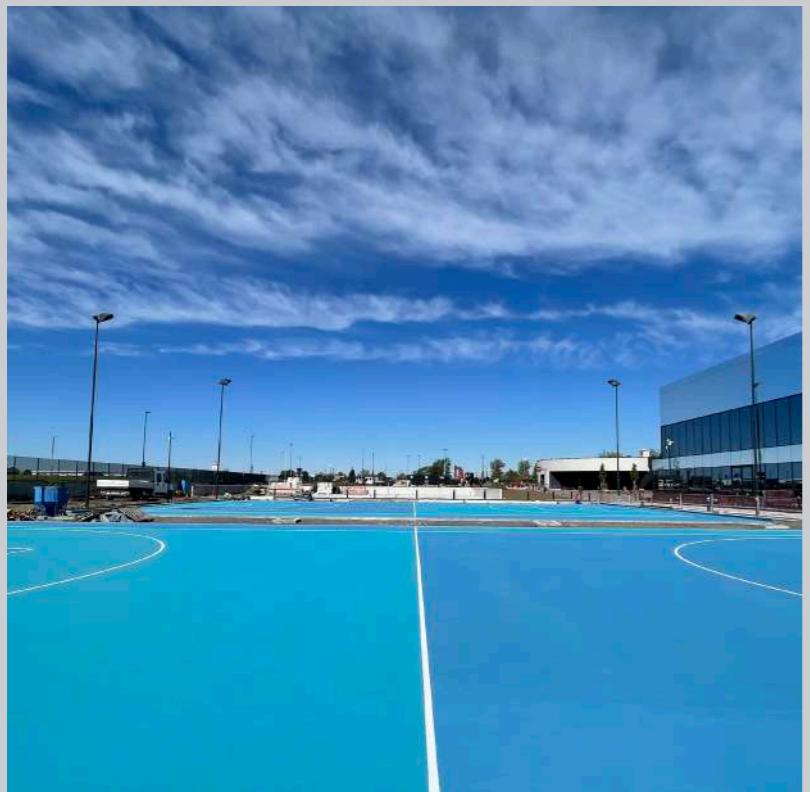
Thickness from 4 to 4.5 mm

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Project: Cittadella dello Sport, Derthona Basket - Tortona (IT)



Project: Cittadella dello Sport, Derthona Basket - Tortona (IT)

ARENAS & OUTDOOR SPORTS



Impact
Resistance



Acoustic
comfort



Non-slip



Easy
to clean



UV
resistant

Multi-layered elastic system made of acrylic resins in water dispersion, for professional indoor and outdoor courts (tennis, basketball, padel, pickleball)

This type of coating offers adequate playing comfort, excellent technical performance, quick and safe changes of direction, with a good comfort/performance ratio in events like ball rebounds or quick and safe direction changes in the athlete's movements.

The performance characteristics are in accordance with UNI EN 14877 classifying the system in class SA 11-19, i.e. able to absorb shocks between 11 and 19%.

FEATURES

- High wear resistance, long-lasting
- High UV resistance
- Resistant to adverse weather conditions
- High playing comfort
- Reduces routine maintenance
- Attractive appearance, wide choice of colours
- Does not contain solvents.
- Excellent price-performance ratio.

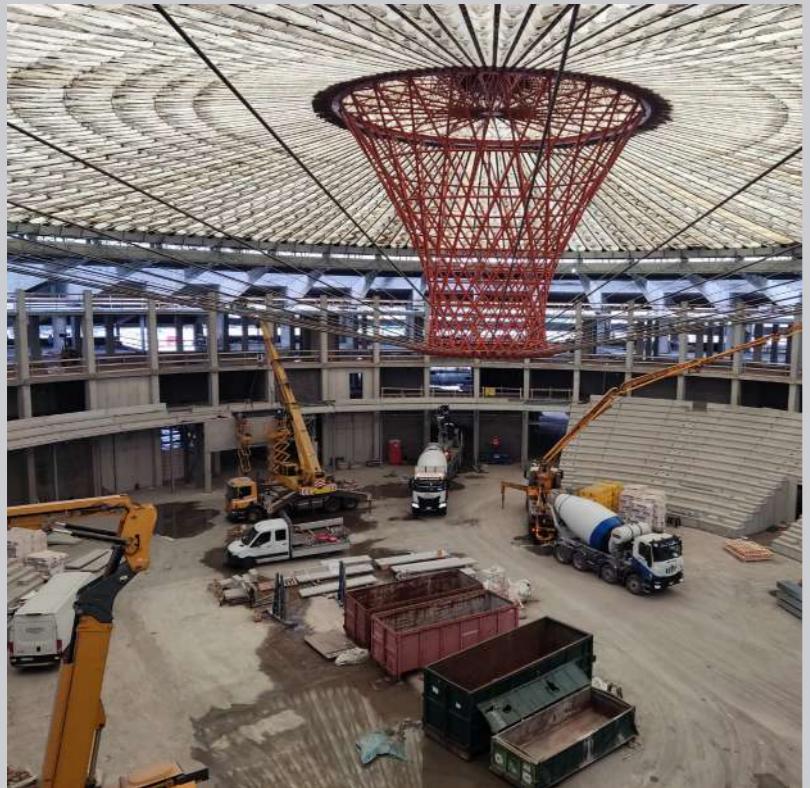
ACCESSORIES

Game line realisation

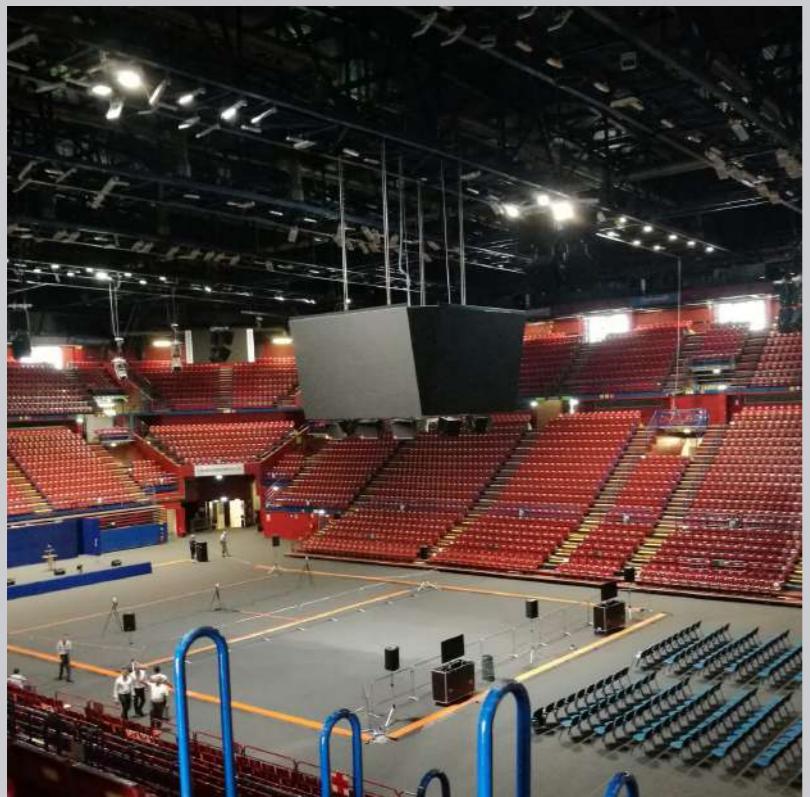
MULTI-LAYERED ELASTIC SYSTEM

LARGE WORKS

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Project: Waterfront Palasport Arena - Genova (IT)



Project: Forum Assago (IT)

ARENAS & INDOOR SPORTS



Impact
Resistance



Acoustic
comfort



Non-slip



Easy
to clean



UV
resistant

Industrial concrete floors construction for sports arenas, requires specific solutions that combine durability, strength and optimum performance. Execution as per project.

FEATURES

Continuous surfaces without joints
Durability and strength
Mechanical and chemical resistance

ACCESSORIES

Rapid polishing:
Prima Polishing Fast System

For the Assago Forum, we took care of rapid sanding and polishing of concrete floors (4 steps). This is our Prima Polishing Fast System solution.

FEATURES

Resistant surface, reflective and easy to clean
The treated floor will not withstand dust, get oils, and grease.

We then took care of the resin coating of the steps and we did game lines.

FEATURES

Resistant to most diluted chemicals such as acids, bases, oils and fuels
High wear and abrasion resistance
Non-slip effect
Durable over time

ACCESSORIES

Prima Fast Line System: long-lasting UV-resistant horizontal signage
Joint repair: Smart Joint®

INDUSTRIAL CONCRETE FLOORS

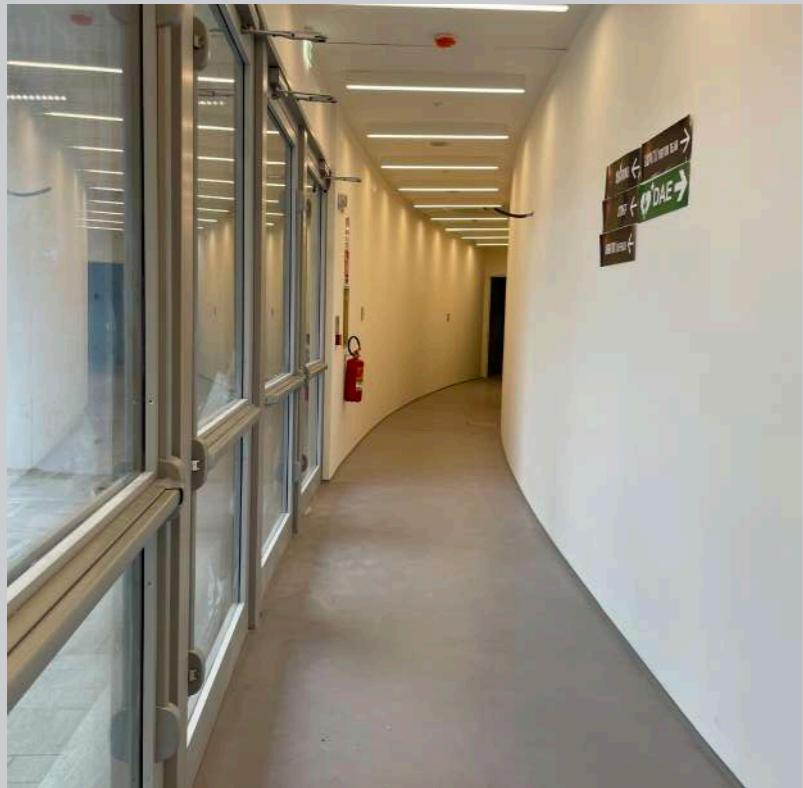
Thickness from 8 to 15 cm

POLISHING TREATMENT

MULTI-LAYER EPOXY SYSTEM

LARGE WORKS

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Project: Cittadella dello Sport, Derthona Basket - Tortona (IT)



Project: Cittadella dello Sport, Derthona Basket - Tortona (IT)

OTHER INDOOR SPORTS AREAS



Impact
Resistance



Acoustic
comfort



Non-slip



Easy
to clean



UV resistant

Among the areas where multi-layer epoxy systems can be applied are all the common and technical areas in a sports arena: athlete activity areas, changing rooms and toilets, connecting corridors, stairs.

FEATURES

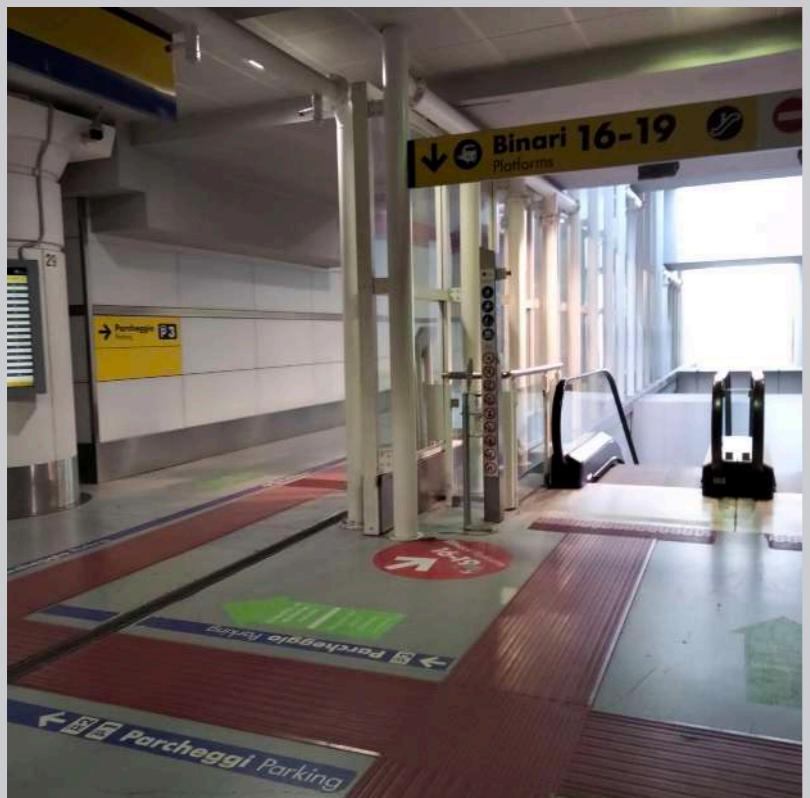
Resistant to most diluted chemicals such as acids, bases, oils and fuels
High wear and abrasion resistance
Non-slip effect
Excellent cost/performance ratio
Waterproof and easy to clean
Safety and hygiene
Durable over time

ACCESSORIES

Resin systems for waterproofing walls
Wall-to-floor joints

MULTI-LAYER EPOXY SYSTEM

Thickness from 2 to 2.5 mm



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



Project: Napoli Afragola Railway Station (NA) - Italy

RAILWAY STATIONS



Impact
Resistance



Acoustic
comforto



Non-slip



Easy
to clean



High UV
resistance

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

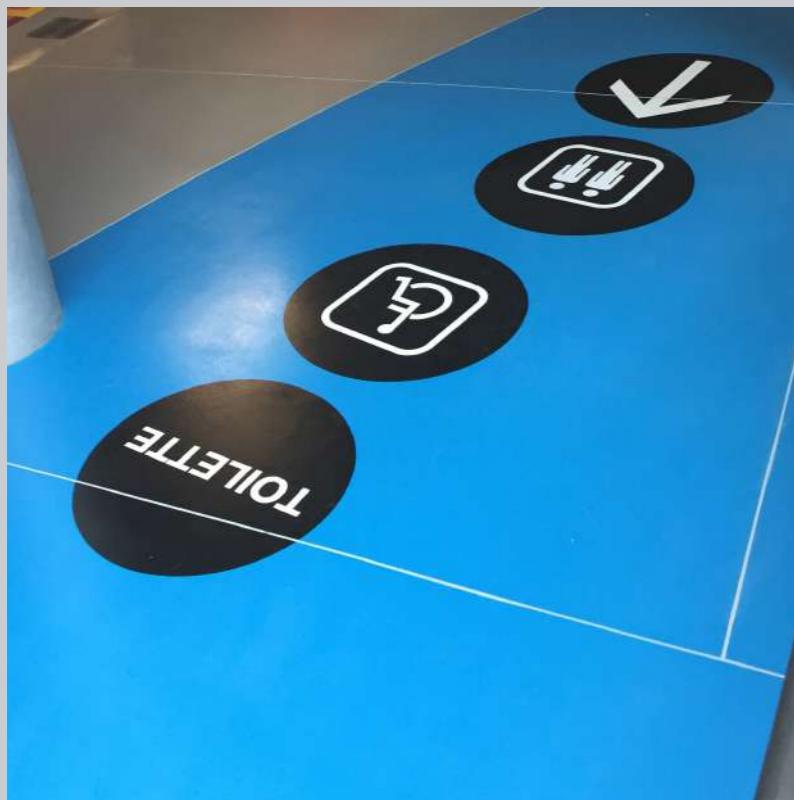
Thickness from 3 to 3.5 mm

EPOXY MORTAR

Thickness from 6 to 15 mm

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Resin signage - Wayfinding



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



Impact
Resistance



Non-slip



Eco-Friendly



Easy
to clean

UNDERGROUND STATIONS

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

DECORATIVE SYSTEMS

Medium thickness 6 mm

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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



Milan
Airports



BNP PARIBAS



Venezia Airport



Tennis court
Tortola - Caribbean



Railway Station
Napoli Afragola (NA)
Italy



San Cristoforo Metro 4
Footbridge - Milan



LARGE WORKS

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CERTIFICAZIONI



OS 6 Classe IV
OS 26 Classe IV
OG 1 Classe III
OG 3 Classe II

COMPAGNIA ASSICURATIVA



ASSOCIAZIONI



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APPLICATORI FIDUCIARI



SHERWIN-WILLIAMS.

PARTNER

