

HEALTHCARE



MEDICAL & HEALTHCARE
RESIN FLOORING

Prima
PAVIMENTI SPECIALI

PUBLIC AND PRIVATE HOSPITALS
SOCIAL-HEALTH FACILITIES
ASSISTED LIVING RESIDENCE
SENIOR LIVING
DAY CARE CENTERS
CENTERS FOR THE DISABLED
MEDICAL CENTERS AND TEST LABORATORIES
RESEARCH LABS
AMBULATORY SURGERY CENTERS

BENEFITS

ANTIMICROBIAL CONTINUOUS SURFACES
SKID AND SLIP RESISTANT
CHEMICAL RESISTANT
SOUNDPROOF
ELECTRICALLY CONDUCTIVE COATINGS
CERTIFIED SOLUTIONS
SAFE AND SANITIZABLE SOLUTIONS
ECO-SUSTAINABLE SOLUTIONS

DESIGN STAGE

Floors in hospitals and care facilities must meet strict guidelines to prevent germs, the spread of bacteria, and the risk of infection. Completely safe working environment. Durable floor coverings that are easy to clean and disinfect. We offer customised solutions for every project. In the design of a hospital, each architectural element, including the floor, the selection and subsequent construction, must comply with current regulations and the different areas that make up a healthcare facility, which have very different needs and characteristics depending on the intended use and level of risk.

Our structured approach is based on over 40 years of experience in the flooring sector – certified sustainable solutions and the know-how of listening to our customers to always provide the right answer to every need.

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

SAFE AND LASTING CHOICES

ANTIMICROBIAL SAFETY

Joint-free, smooth continuous surface to prevent dirt build-up, certified, bacteriostatic, HACCP certified.

FEATURES AND DETAILS

Long service life: floors resistant to traffic, heavy loads, chemicals. Non-yellowing.

EASE OF MOVEMENT

Ideal for walkers, stretchers and wheeled beds, trolleys.

EASY MAINTENANCE

Stain and water-proof flooring and wall coverings. Perfect impermeability between surfaces. Easy to disinfect and highly resistant to continuous washing, resulting in reduced maintenance costs.

SAFETY

Accident-proof, non-slip, non-toxic, conductive, anti-static smart flooring eliminates the risk of electrostatic discharge in electronic diagnostic equipment.

GUARANTEES

We are well positioned to provide targeted solutions to meet project requirements, adhering to layouts, schedules and assisting our clients every step of the way, right through to delivery.

LIFESPAN

The life expectancy of a surface finish is determined by a combination of mechanical, chemical, thermal shock, and wear stress. These stresses are typical and different for each environment. Durable flooring refers to flooring that lasts for a long time without deterioration or loss of performance.

**QUALITY IS VISIBLE
AND 100% CERTIFIED**

ACOUSTIC COMFORT

Noise reduction from patient and operator footsteps, stretcher, and equipment movement.

DESIGN

Available in a wide range of colors and finishes, solutions specific to each hospital area, and customization for a more comfortable environment.

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 hospitals 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.



SOLUTIONS HOSPITAL AREAS



REFURBISHMENT WITHOUT COMPLETE DEMOLITION

In the hospital area, floor restoration of worn surfaces by laying new floor coverings over existing floor (e.g. tiles), or completely replacing them, is an option, optimizing aspects such as the cost of the intervention, the quality of the solution, and the ease of installation by reducing intervention time.

To meet the specific needs of different areas of the hospital, we offer solutions that meet very high standards. An integrated offer of suitable solutions and services to meet any project requirement.

ENTRANCE, RECEPTION
WAITING ROOMS
CONNECTING CORRIDORS
EXAMINATION AND TREATMENT
ROOMS
OPERATING ROOMS
INTENSIVE CARE
LABORATORIES AND RADIOLOGY
PATIENT ROOMS
BATHROOMS
DRUGS WAREHOUSE
STORAGE ROOMS
TECHNICAL ROOMS
KITCHEN
RESTAURANT, CAFETERIA
OFFICES AND ADMINISTRATIVE
AREAS
PARKING
OUTDOOR

COMBINE SAFETY
AND COMFORT

MULTI-LAYER EPOXY SYSTEM

Epoxy-coated multi-layer floors provide surfaces with sufficient thickness to mitigate the imperfections of the original floor and offer excellent resistance to mechanical and chemical loads. Multiple resin layers are applied. Quarz sanding of each resin layer ensures perfect adhesion between layers, maintaining non-slip properties and improving mechanical strength.

SELF-LEVELLING POLYURETHANE

Self-leveling resins are therefore liquid formulations with self-leveling properties. Elastomeric polyurethane self-leveling systems are widely used in hospital environments and are also available in ESD versions for areas with antistatic restrictions. 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.

POLYURETHANE CEMENT

Due to its inherent properties of resistance to chemical and mechanical attack, polyurethane cement floors undoubtedly perform well in the hospital, food and industrial sectors. Polyurethane cement can be used when epoxy, acrylic, or methacrylic solutions have reached their limits. It has the same level of cleanability as stainless steel, and is extremely resistant to hot water and thermal shock.



Impact
resistant



Acoustic
comfort



Non-slip



Antibacterial



Easy to clean

LOW RISK AREAS

Floors in this category are areas that are separate from patient rooms and not directly connected to nursing practice rooms. These are primarily receptions, waiting rooms, lobbies, staircases, elevators, hallways leading to risk-free hospital departments and storage areas, all environments intended for user and visitor traffic.

First impressions are important, especially in medical and social facilities. Patients need to feel cared for, visitors need to make a positive impression, and employees need to work in a comfortable and pleasant environment through specially designed aesthetic solutions. Administration and reception areas are like showcases and should reflect the quality of the facility.

A space where cleanliness and hygiene must always be guaranteed. Choosing resistant and durable flooring is essential to get a surface that retains its appearance over time without degrading in heavy traffic.

FEATURES

- Non-slip
- Visual and acoustic comfort
- Creative colors and design combinations to suit customized floor design
- Excellent walking properties
- Reliable in rooms with a complex floor plan
- High rolling resistance
- Scratch and impact resistant
- Suitable for underfloor heating
- Accessibility and guided paths
- Easy to clean and maintain
- Odourless, non-yellowing coating
- Long service life
- 3 mm thickness
- Low emissivity according to AgBB standard
- Fire reaction class Bfl-s1

SELF-LEVELLING POLYURETHANE

- > RECEPTION AND COMMON AREAS
- > CORRIDORS
- > WAITING ROOMS
- > STAIRWAYS

HEALTHCARE

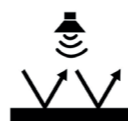
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Treatment Room



Project: Sansepolcro Hospital - Arezzo (IT)



Acoustic
comfort



High chemical
resistance



Non-slip



Antibacterial



Antistatic
constraints



Easy to clean

MEDIUM-RISK AREAS

This category includes all those areas intended for the care of patients who do not present any particular risks. Inpatient rooms occupied by non-infected patients, for whom no particularly complex and invasive healthcare procedures are planned, fall into this category. Medium-risk areas also include diagnostic laboratories and small surgical outpatient clinics.

According to recent studies, hospital rooms that provide a comforting environment benefit patients by helping them feel at home and enhancing their hospital stay. Our flooring solutions guarantee patients a quiet and clean healing environment by decreasing the noise produced by hospital beds and medical trolleys.

The bacteriostatic surface complies with the strictest hygienic standards, preventing bacterial development and cross-contamination of pathogens.

FEATURES

- Visual and acoustic comfort
- Monolithic adhesion with the substrate
- Static crack-bridging properties
- Resistant to abrasion, cleaning agents and disinfectants
- High rolling resistance
- Suitable for underfloor heating
- Static-conductive or static-dissipative, if required
- Long service life and low maintenance costs
- Long-term bacteriostatic effect
- Non-slip
- Reliable in rooms with a complex floor plan
- Variable thickness from 4 to 6 mm
- Low emissivity according to AgBB standard
- Fire reaction class Bfl-s1

SELF-LEVELLING POLYURETHANE

- > PATIENT ROOMS
- > DIAGNOSTIC LABORATORIES
- > TREATMENT ROOMS
- > OUTPATIENT/AMBULATORY CARE ROOMS

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Operating Theatre



Intensive Care Unit



Antibacterial



High rolling
resistance



Non-slip



High chemical
resistance



Antistatic
constraints



Easy to clean

HIGH RISK AREAS

This category includes all those areas where particularly invasive health and care procedures are systematically performed. A high-risk area is, of course, an Infectious Diseases ward, where patients and staff members, are more exposed to biological contamination via direct contact. Other highly dangerous environments are operating theatres, delivery rooms, bacteriology, resuscitation and intensive care.

Dialysis, intensive care and rehabilitation areas are environments where patients receive care and treatment requiring hygiene and comfort during all the day. In order to ensure infection control, surfaces have to be clean, stain-resistant, and up to the highest standards of hygiene. Furthermore, develop a pleasant environment by using dedicated colors and patterns also helps to reduce stress and boost the healing process. We propose antistatic solutions with high resistance to chemical attacks and mechanical loads.

FEATURES

Infection control and hygiene.
Long-term bacteriostatic effect.
Highly resistant to chemical attack by blood, alcohol, salts and detergents and, disinfectants used for cleaning and disinfection of rooms
Highly resistant to abrasion
Smooth and impermeable surfaces
Antistatic
High rolling resistance
Long service life and low maintenance costs
Non-slip
Variable thickness from 4 to 6 mm
Low emissivity according to AgBB standard
Fire reaction class Bfl-s1

ESD SELF-LEVELLING POLYURETHANE

- > INFECTIOUS DISEASE DEPARTMENTS
 - > BIOHAZARD LABORATORIES
 - > RADIOLOGY
- > MEDICAL IMAGING DEPARTMENTS
 - > OPERATING THEATRES
 - > CLEAN ROOMS
 - > BIRTHROOMS
- > MEDICAL TREATMENT ROOMS
 - > INTENSIVE CARE UNITS
 - > EMERGENCY ROOMS

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Project: Fondazione Hospice Maria Teresa Chiantore Seràgnoli Onlus - Bologna (IT)



BATHROOMS AND TOILETS

ANTIBACTERIAL SELF-LEVELLING POLYURETHANE



Antibacterial



Thermal shock
resistance



Non-slip



Waterproof



High chemical
resistance

A basic requirement for bathrooms and toilets is high slip resistance, maximum hygiene and stain resistance. Continuous floor coverings for wet rooms with a limited number of joints allow surfaces to remain waterproof and easier to clean.

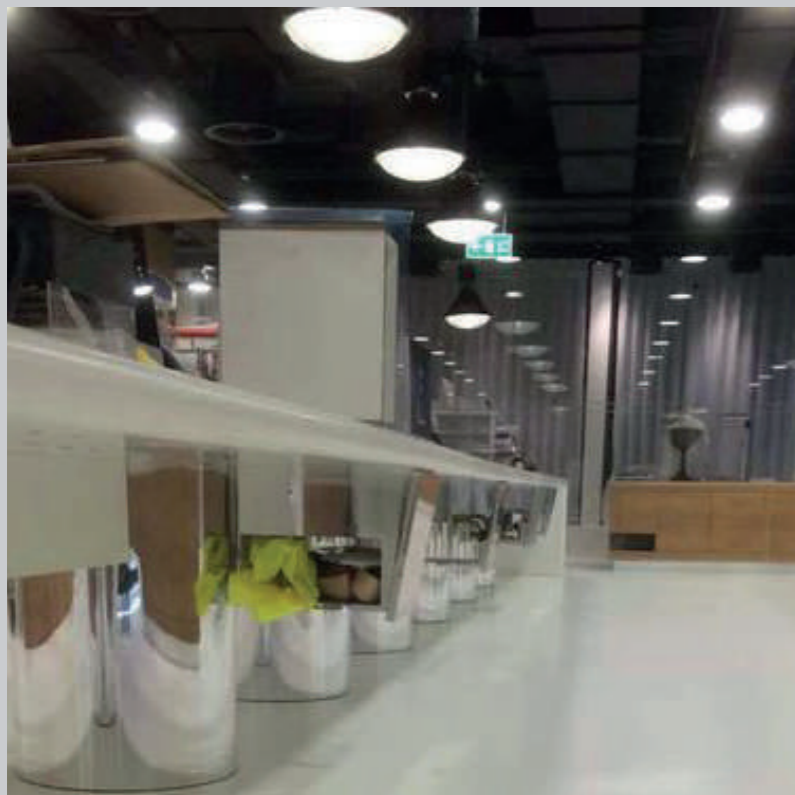
FEATURES

- Long-term bacteriostatic effect
- Non-slip R10,R11
- Walking and acoustic comfort
- Resistant to chemical attack from blood, alcohol, salts and products used for cleaning and disinfection of rooms
- Waterproof
- Static crack-bridging properties
- Suitable for underfloor heating
- Joint-free floor system for easier cleaning and overall room comfort
- Variable thickness from 4 to 6 mm
- Low emissivity according to AgBB standard
- Fire reaction class Bfl-s1

- > PATIENT ROOM TOILETS
- > VISITORS' TOILETS
- > STAFF TOILETS

HEALTHCARE

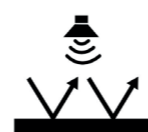
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Open Space Office



Administrative office



Acoustic
comfort



UV-resistant



Non-slip



Eco-Friendly



Easy to clean

ADMINISTRATIVE AREAS

MULTI-LAYER EPOXY SYSTEM

Staff in healthcare facilities need a peaceful environment to focus on their analytical and administrative activities. The flooring solutions chosen must be able to reduce noise and promote the well-being of healthcare workers. Highly customizable resin solutions with a wide range of colors, designs, logos, and finishes (glossy, matt). Variable thickness from 3 to 3,5 mm

FEATURES

- Visual and acoustic comfort
- Electrically conductive when required
- Suitable for underfloor heating
- Odourless, non-yellowing coating
- Abrasion-resistant, suitable for furniture on wheels
- Reliable in rooms with a complex floor plan
- Low emissivity according to AgBB standard
- Fire reaction class Bfl-s1

LVT, Heterogeneous or Homogeneous solutions. A wide range of solutions to meet all needs, whether for new building or renovation, optimizing cost and maintaining performance and durability.

FEATURES

- Non-slip R10
- Visual and acoustic comfort
- Electrically conductive when required
- Resistant to residual footprint
- Easy installation and replacement
- Easy to clean and maintain
- Large colour chips / High contrasted pattern
- Variable thickness from 0,5 to 0,8 mm
- Fire reaction class Cfl-s1
- Commercial classification: 34 Very Heavy

> ADMINISTRATIVE AREAS
> RECEPTION AREA
> MEETING ROOMS

PVC

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Drugs Storage



Consumable Storage



Antibacterial



Resistant to high loads



Non-slip



High rolling resistance



Impact resistant



Easy to clean

STORAGE AREAS

When selecting flooring solutions for warehouses and medical equipment storage facilities, it is critical to utilize flooring that is resistant to wear caused by people and the movement of heavy machines, trolleys, or beds. Floor coverings must be scratch and footprint resistant, easy to clean, with a reduction in maintenance time and cost.

FEATURES

- Highly resistant to abrasion
- High rolling resistance
- Elevata resistenza chimica
- Static crack-bridging properties
- Easy to clean and maintain
- Variable thickness from 3 to 3,5 mm
- Low emissivity according to AgBB standard
- Fire reaction class Bfl-s1
- Odourless, non-yellowing coating
- Reliable in rooms with a complex floor plan

MULTI-LAYER EPOXY SYSTEM

- > STORAGE AREAS WITH MECHANICAL AND CHEMICAL LOADS
- > MEDICAL EQUIPMENT STORAGE
- > CONSUMABLES STORAGE
- > DRUG STORAGE

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Hospital laundry



Server Room



Superfici
impermeabili



Antibacterial



High chemical
resistance



Non-slip



High rolling
resistance



Antistatic
constraints



Easy to clean

TECHNICAL ROOMS

For sterilization and laundry environments, easy-to-clean, stain and, chemical resistance coatings with a high anti-skid rating against inadvertent slipping of hospital trolleys.

FEATURES

For hygienic surfaces and minimal risk of accidents in wet areas
Resistant to stains, chemicals and mechanical wear and tear
Waterproof
Joint-free floor system for easier cleaning
Variable thickness from 3 to 3,5 mm
Low emissivity according to AgBB standard
Fire reaction class Bfl-s1

Electrostatic discharges not only cause discomfort in locations with sensitive electronic equipment, such as huge computers and servers, but they can also seriously damage equipment. Conductive and static dissipative solutions can dissipate electrostatic discharges by providing a grounding point, preventing severe damage. Furthermore, the excellent durability avoids deterioration by heavy machinery thereby making cleaning and maintenance easier.

FEATURES

Durably antistatic or conductive
Static crack-bridging properties
Variable thickness from 4 to 6 mm
Low emissivity according to AgBB standard
Fire reaction class Bfl-s1

MULTI-LAYER EPOXY SYSTEM

> STERILISATION UNITS
> LAUNDRY

ESD SELF-LEVELLING POLYURETHANE

> SERVER ROOMS
> MEDICAL IMAGING AREAS

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Hospital Kitchen safety floor



Cafeteria



Waterproof



Antibacterial



Thermal shock
resistance



Non-slip



HACCP



High chemical
resistance

KITCHENS, CANTEEN AND CAFETERIA

POLYURETHANE CEMENT

Canteens are subject to HACCP regulations, which are required in all those places where food is handled and served in a corporate, commercial or, as in this case, hospital environment.

Floors must have as few joints as possible, be impermeable to fat, oil and, water, be more resistant to impact and abrasion, and obviously be easy to clean and decontaminate, a non-slip surface in case of drips.

In the event of liquid spills at high temperatures, the total resistance of the flooring is guaranteed, avoiding frequent repair works.

Catering areas, on the other hand, must allow patients and visitors to enjoy their breaks in comfortable and hospitable spaces. Our flooring solutions, all of which can be customised, must create a relaxing atmosphere through a functional and designer floor.

FEATURES

- High mechanical resistance
- Resistant to boiling water and thermal shock from -40 to +120 °C
- Dries quickly
- High chemical resistance
- Resistant to food stains
- Non-slip (R11, R12, R13)
- Suitable for food preparation areas (HACCP)
- VOC free
- Cleanability properties similar to stainless steel
- Low emissivity according to AgBB standard
- Fire reaction class Bfl-s1
- Long lasting life (20 years and more)

- > HOSPITAL KITCHEN
- > CANTEEN
- > RESTAURANT, SELF-SERVICE
- > BAR, CAFETERIA

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Underground car park



TO DREAM - Urban District



Resistant to high loads



Non slip



High chemical resistance



Draining



Frost-Resistant



Non-slip



Eco-Friendly

OTHER HOSPITAL AREAS

Resin coatings are the most widely used and recommended for this type of surface as the resin itself has resistance, durability, and functionality. Multilayer epoxy or multilayer polyurethane systems can be used. OS8-OS9-OS10-OS11 criteria are satisfied. Colors, flooring, individual parking spaces, and signage can all be highly customized.

FEATURES

- Homogenous, non-slip surface
- Resistant to chemicals, oils, fuels, de-icing salts, lubricants, acids and diluted bases
- Wear-resistant and durable
- Resistant to wheeled vehicle traffic
- Highly customisable
- Horizontal and vertical signage

For the long lasting eco-friendly redevelopment of outdoor pedestrian or vehicular light areas,

Prima Drain Stone® is an outdoor flooring system totally permeable and environmentally friendly, complies to the hydrological cycle. It is essential to select certified materials that help to improve outdoor areas by ensuring drainage or rainwater filtering and avoiding the creation of new impermeable surfaces (such as asphalt and cement) and/or unstable ones (such as self-locking paving stones and loose gravel).

Composed of natural aggregates mainly from production waste, with different grain sizes, kinds and colors, blended with a special eco-friendly binder.

ACCESSORIES: Tactile paths for the visually impaired

PARKING

- > MULTI-STOREY CAR PARKS
- > UNDERGROUND CAR PARKS
- > CAR PARKS

OUTDOOR

- > FOOTPATHS GREEN AREAS
- > OUTDOOR RECEPTION AREAS
- > CYCLE PATHS

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COMPLEMENTS

The extensive wall protection package helps the hospital maintain a clean and modern look within the hospital, without the worry of wall damage and high maintenance costs.

ACCESSORIES

- Ergonomic handrails with high grip quality
- Bumper handrails
- Bacteriostatic door protection
- Door bumper strips
- Wall protectors for stretcher traffic or bed movement

The healthcare infrastructure, both public and private, require increasingly complex solutions in light of today's times. A suitable coloring of the walls arises from the need to find an integrated offer of products and services suitable to meet the different needs of the hospital environment and professionals, also considering the impact on the patient.

The paint layer provides aseptic conditions for the surfaces of walls and ceilings and long-lasting active protection against mold, fungi, and microorganisms formation. Additionally, the silver particles present have a permanent bactericidal effect.

FEATURES

- Bacteriostatic
- Chemical resistance
- Medium-low impact resistance
- Hygienic and washable
- Perfect match between floor and wall appearance, customisable
- VOC free
- UV resistant

WALL PROTECTION

PAINTINGS

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Floor-to-wall connection



Resin stairs with aluminium profiles

COMPLEMENTS

Fillets are floor-to-wall connections that ensure perfect continuity in terms of hygiene and impermeable installation that prevents the accumulation of dirt and facilitates cleaning.

They can be painted the same color as the floor for higher aesthetic quality.

FEATURES

- Perfect finish
- Easy cleaning and maintenance
- Waterproof installation

The staircase is a sensitive area that must provide maximum safety to all users. We offer safe solutions for stairs that allow people to move easily and help the visually impaired find their way around.

Unlike other coatings, resin forms a continuous floor surface that can also be used as a covering for walls and architectural elements such as stairs.

FEATURES

- Non-slip
- Accessibility
- Resistant to heavy traffic
- Acoustic comfort

ACCESSORIES

- Tactile paths for the visually impaired.
- Right-angled, rounded, aluminium guards.

FILLETS

STAIRS

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.



WORK IN PROGRESS

- . New Odense Hospital - Denmark
- . Nouveau Chu De La Guadeloupe
Les Abymes, Guadeloupe, Antilles Françaises
- . New Ajaccio Hospital- Corsica

SOME OF
OUR CUSTOMERS

IRCCS Galeazzi
Milano (IT)



IRCCS San Raffaele
Milano (IT)



Helicopter platform
DEA Niguarda
Milano (IT)



CONTACTS

Milano - Operational HQ

Via Piemonte, 23/B
20098 San Giuliano Milanese (MI)
T +39 02.98282914

Torino - Head office

Via Vittorio Amedeo II, 19
10121 Torino
T +39 011.0714790

info@primapavimenti.it
www.primapavimenti.it

Switzerland

Pavimenti Speciali Srl - Talenture S.A.
Riva Albertolli 1
6900 Lugano - Switzerland



PARTNERS

