

AEROSPACE



RESIN FLOORING
HANGAR
HELIPORTS

Prima
PAVIMENTI SPECIALI



Prima
PAVIMENTI SPECIALI

WHERE

AIRPORTS
HELICOPTER RESCUE PLATFORMS
MILITARY AND DEFENCE SECTOR, HANGARS
AERONAUTICAL AND AEROSPACE PLANTS
AIRCRAFT PRODUCTION AND ASSEMBLY AREAS
SPECIALISED TECHNICAL AREAS
AREAS AND LABORATORIES
QUALITY CONTROL AND TESTING
MAINTENANCE HANGARS
REPAIR WORKSHOPS
TECHNOLOGY CENTRES



BENEFITS

CONTINUOUS SURFACES
LONG-LASTING
NON-SLIP SURFACES
HIGH CHEMICAL RESISTANCE TO HYDRAULIC FLUIDS
CERTIFIED SOLUTIONS
ANTISTATIC AND DISSIPATIVE
ECO-SUSTAINABLE
EASY TO CLEAN

DESIGN STAGE

Designing resin flooring for the aerospace industry requires a systemic approach that goes beyond simply choosing a product. Every environment has different needs: for example, a maintenance hangar with frequent contact with hydraulic oils has radically different requirements to an avionics clean room or a helicopter pad. The ideal flooring is the result of translating operational routines into measurable performance requirements. Effective design also involves dialogue between different company departments and our technical management. As aeronautical plants can rarely stop production completely, design must balance application requirements and technical excellence with operational sustainability.

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

SAFE AND LASTING CHOICES

FEATURES AND DETAILS

Surfaces without joints, resistant to extreme mechanical loads. High resistance to abrasion and aggressive chemical exposure from highly specialised fluids such as hydraulic oils

EASY MAINTENANCE

Thanks to continuous surfaces and resin coatings, maintenance is minimal and cleaning is easier, saving you time and money. We offer professional cleaning products, such as PrimaFloor Cleaner®, which are specifically designed for resin coatings and help to maintain and extend their service life.

SAFETY

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

GUARANTEES

Our structure enables us to provide targeted solutions that meet project requirements. We work alongside the customer at all times, right up to delivery, respecting layouts and completion times.

LIFESPAN

It has high UV resistance and colour stability, a long service life, and low maintenance costs. Durable coatings that resist deterioration and loss of performance.



ANTISTATIC AND DISSIPATIVE PROPERTIES

Flooring can be made with dissipative or antistatic properties. This is because, in some aerospace environments, there may be a dispersion of micro-dust or residues of explosive materials.

DESIGN

A wide range of finishes, effects and colours for floor and wall coverings, for every environment, with extensive customisation options.

SHORT INSTALLATION TIME

Renovations take less time, as resin solutions can be applied to existing substrates. The time taken varies depending on the system and ambient temperatures.

EXPERIENCE

For over 40 years, we have been supplying flooring to leading Italian companies.

SUSTAINABILITY

Our solutions are made with VOC-free materials and adhere to the highest health and wellbeing standards..

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

AEROSPACE

SOLUTIONS LARGE-SCALE WORKS AND CONSTRUCTION SITES

ACCESS CORRIDORS
CONNECTING BRIDGES
HANGARS AND STORAGE AREAS
EXHIBITION AREAS
TRANSIT AREAS
ACCESS PLATFORMS
BAGGAGE TERMINAL
WAITING AREAS
PUBLIC TOILETS
STAIRS
COMMERCIAL AND RESTAURANT
AREAS
PARKING AREAS
OUTDOOR AREAS

BLENDING
FUNCTIONALITY
AND DESIGN

FLOORING RENOVATION

Resin coatings are ideal for restyling projects in public or private infrastructure due to their reduced installation times and customisable solutions that combine functionality and design for improved management and sustainability, helping to maintain the high quality and efficiency of flooring.

Undertaking a flooring renovation project in a large structure, whether indoors or outdoors, requires an experienced and knowledgeable partner who can guarantee results, respect project timelines and costs, and liaise effectively with the design studio, owners, contractor and all other relevant parties.

High-performance flooring helps to keep the building efficient and the environment more comfortable and safe.



Project: Leonardo - Cascina Costa (VA) - Italy

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.

POLYURETHANE SYSTEM

Polyurethane systems (including self-levelling ones) are widely used in various environments where greater resistance is required. They are applied in several layers, based on two-component epoxy resin (possibly dusted with spheroidal quartz) or polyurethane resin. These systems are particularly resistant and capable of bridging cracks in the original surface, making it uniform and particularly resistant to impact, 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.

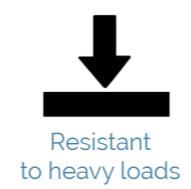
AEROSPACE



Project: Hangar Leonardo - Venegono (VA) -Italy



Project: Tessera Airport Hangar (VE) -Italy



AIRPORT HANGARS

Epoxy screed is a floor that can withstand heavy traffic and heavy loads. It is an epoxy trowelled mortar system, ideal for restoring old industrial floors, with a thickness of 6 to 15 mm, which gives it exceptional mechanical and wear resistance.

Epoxy mortar can be applied to severely damaged existing flooring or used to repair minor slopes and depressions in concrete flooring without demolishing the existing substrate completely.

These solutions offer high chemical resistance, provide complete protection against spills of fluids used in aviation, and are recommended for all areas subject to this type of risk.

Suitable for military and defence facilities, such as aircraft hangars, aircraft and ship maintenance hangars, storage areas, canteens, ammunition facilities and even multi-purpose vehicles.

FEATURES

Anti-slip effect.

Reduction in costs and intervention times in the event of restoration of old, badly damaged flooring. High resistance to most aggressive chemicals and oils.

Easy to wash and sanitise.

High mechanical and compression resistance, resistant to wear caused by moving aircraft.

High resistance to high volumes of vehicle traffic and heavy loads.

Long service life.

UV resistant.

EPOXY MORTAR

Thickness between 6 and 15 mm



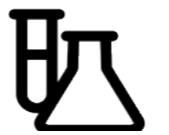
Project: Rome Airport Workshops - Fiumicino (RM)- Italy



Resistant
to heavy loads



Non-slip



High chemical
resistance



Easy to clean

BUS REPAIR WORKSHOPS

Multi-layer resin flooring is the ideal solution for those looking for a functional, hard-wearing floor in environments such as mechanical workshops.

Thanks to the overlapping of one or more layers of resin, this coating offers excellent mechanical properties, durability and impermeability. The continuous, jointless multi-layer epoxy resin floor simplifies cleaning.

It has anti-slip properties, thus ensuring safety and stability, and performance that meets the needs of most industrial environments.

FEATURES

Strong anti-slip effect.
High resistance to wear and abrasion caused by trolleys and moving vehicles.
Resistant to most aggressive chemicals and oils.
Resistant to frequent washing.
Easy to wash and sanitise.
Reduces intervention times and, consequently, plant downtime.

EPOXY MULTILAYER

Thickness between 3 and 3.5 mm

AEROSPACE

Prima
PAVIMENTI SPECIALI



Project: Leonardo Hangar - Venegono (VA) - Italy



Resistant
to heavy loads



Non-slip



High chemical
resistance



Easy to clean

AIRCRAFT FACTORY

Resin flooring for these areas must be particularly resistant to contact with hydrocarbons, solvents and propellants. A waterproof surface that is resistant to chemical attack and oils and is non-slip is required

If necessary, resin flooring can be made with dissipative or antistatic properties, as in some aerospace environments there may be dispersion of micro-dust or residues of explosive materials.

FEATURES

Anti-slip effect.
High resistance to wear and tear and to most aggressive chemicals and oils.
Impermeable to water and liquids in general;
Easy to wash and sanitise.
High mechanical and compression resistance, resistant to wear caused by moving aircraft.
High resistance to high volumes of vehicle traffic and heavy loads.
Electrically conductive if required.
Dustproof.
Long service life.
UV resistant.

EPOXY MULTILAYER

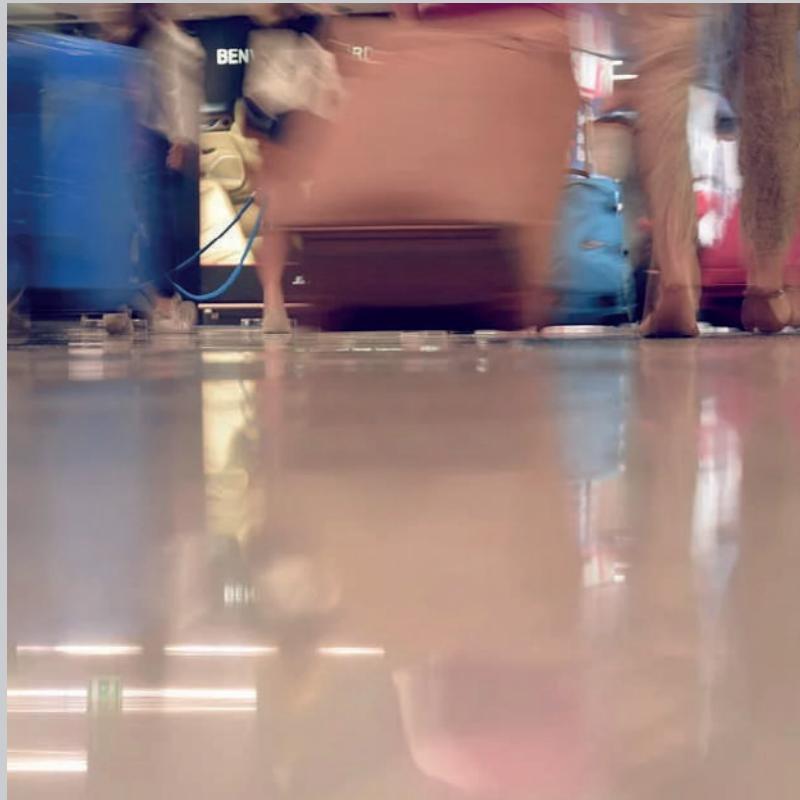
Thickness between 3 and 3.5 mm

ELECTRICALLY CONDUCTIVE

Thickness between 1.5 and 2 mm

AEROSPACE

Prima
PAVIMENTI SPECIALI



AIRPORT TERMINAL



Scratch and impact resistant



Non-slip



Eco-Friendly



High chemical resistance



UV resistant



Ease of sliding rotating loads

In passenger areas, baggage halls, waiting areas and areas with high and constant foot traffic at the airport, it is necessary to have functional flooring that is aesthetically appealing and guarantees durability, safety and comfort.

High-performance polyurethane comfort systems or more decorative systems such as Venetian Terrazzo are characterised by their durability and greater resistance compared to traditional epoxy systems. They are able to withstand constant, high-volume visitor traffic and the intensive cleaning procedures required in 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
Withstand the impact of trolleys and heavy suitcases
Resistant to marks from airport trolley wheels
Sound insulation
Slip resistance R10/R11
VOC free
Fire resistance class Bfl-s1
Reduction in operating costs during service life
Increased aesthetic and functional value of the building

ACCESSORIES

Resin wall coverings
Connecting strips between floor and wall
Tactile paths for the visually impaired

COMFORT SELF-LEVELLING POLYURETHANE SYSTEM

TERRACE SYSTEM

AEROSPACE

Prima
PAVIMENTI SPECIALI



Project: helicopter rescue platform Niguarda Hospital
Milan (Italy)



Project: Villa Scassi Hospital heliport - Genova - Italy



HELIPADS AND HELIPORTS

Resin solutions are ideal for coating the flooring of heliports and airfields, whether they are located on the ground or elevated, as they ensure an even surface that will not negatively impact helicopter landing or take-off manoeuvres.

High-performance resin coatings capable of withstanding exposure to atmospheric agents and frequent use of de-icing salts necessary to keep the track clean at all times.

They can withstand extreme stress and abrasion — enough to survive an aborted helicopter take-off or resist the downward flow of the rotor.

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

FEATURES

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

BREATHABLE EPOXY MULTILAYER

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



Leonardo
Vergiate (MI) - Italy



Guardia Costiera
Luni Sarzana (SP) - Italy



Helicopter Base
5th Wing
Luni Sarzana (SP) - Italy



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

CERTIFICATIONS



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

INSURANCE COMPANY



ASSOCIATIONS



PARTNERS

AEROSPACE



TRUSTEE APPLICATORS



SHERWIN
WILLIAMS.

HIGH
PERFORMANCE
FLOORING

PARTNER

