

SYSTEMS MANUAL

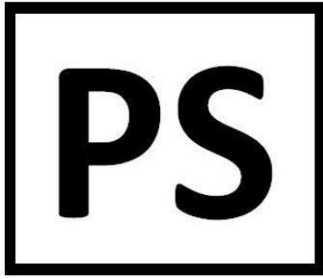


Projects

Pavements

Related projects in continuous pavements in general

Sistemas



INDUSTRIAL

We offer a wide range of PS-Systems in continuous industrial and decorative flooring, designed to meet the new requirements of the Technical Building Code (CTE). These systems are specially adapted to provide fire resistance, slip resistance, durability and other essential features.



PS

Pavements

Industrial

Continuous flooring systems for the industrial sector

Advantages of PS Systems in Industrial Flooring:

1. Compliance with CTE:

- **Fire Resistance:** PS Systems are formulated to comply with fire resistance regulations, offering greater safety in industrial environments.
- **Non-Slip Properties:** We guarantee surfaces that minimize the risk of slipping and falling, complying with the safety requirements of the CTE.

2. Exceptional Durability:

- **Long Lifespan:** Our flooring is designed to withstand daily wear and tear, abrasion and extreme conditions typical of industrial environments.
- **Chemical and Mechanical Resistance:** PS-Systems offer excellent resistance to chemicals, impacts and heavy loads, ensuring consistent performance over time.

Versatility and Aesthetics:

- **Decorative Options:** In addition to their functionality, our flooring also offers decorative solutions that enhance the aesthetics of the industrial space without compromising performance.
- **Adaptability to Different Surfaces:** PS-Systems can be applied on various surfaces, providing uniform and continuous coverage that improves the structural integrity of the flooring.

Easy Maintenance:

- **Easy Maintenance:** Continuous pavements require minimal maintenance, making cleaning easier and reducing operating costs.
- **Quick Repair:** In the event of damage, pavements can be quickly repaired without the need for major interventions, minimizing downtime.

Expanded Applications:

- **Industrial Environments:** Ideal for factories, warehouses, workshops and other industrial facilities where a robust and durable floor is required.
- **Commercial Areas:** They are also suitable for commercial spaces that require a combination of durability and aesthetics.

Our PS-Systems in industrial and decorative flooring represent the perfect solution to meet the requirements of the CTE and the demands of modern industrial environments. They offer a combination of fire resistance, anti-slip properties, durability and aesthetics, ensuring a safe, long-lasting and attractive floor. With PS-Systems, we guarantee high-quality floors that improve both the functionality and the appearance of your facilities.



Continuous flooring of epoxy resins, Multilayer Quartz system Color.

Continuous, non-slip multi-layer flooring based on solvent-free, two-component epoxy resins mixed with coloured quartz aggregates of selected granulometry. It has a finish with excellent resistance to abrasion and chemicals and is completely impermeable to liquids. For the protection and decoration of concrete floors in all types of food, pharmaceutical, chemical, etc. industries. Decorative, shiny, non-slip coloured aggregate finish.

- [Application method](#)
- [System](#)

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Continuous cold polyurea flooring with Monocolor Quartz system with ultra-fast curing.

Innovative decorative flooring system Floor-Pocc. This system uses cold-mixed polyurea with UV-resistant coloured aggregates, designed for both interior and exterior applications. With its ultra-fast curing and Quartz Color finish, Floor-Pocc offers a versatile and durable solution for a wide range of spaces, from shopping centres to offices and homes.

- [Application method](#)
- [System](#)

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Continuous flooring made of epoxy resins, Multilayer Quartz system Single colour.

The Floor-RCM system is a continuous, non-slip, single-colour multi-layer flooring based on epoxy resins mixed with natural quartz aggregates of selected granulometry for the protection and decoration of concrete floors. For all types of food, pharmaceutical and chemical industries, industrial kitchens, laboratories, warehouses, car parks, workshops, etc. Highly decorative finishes with coloured resin sealing, with excellent resistance to abrasion, chemicals and totally impermeable to liquids.

- [Application method](#)
- [System](#)

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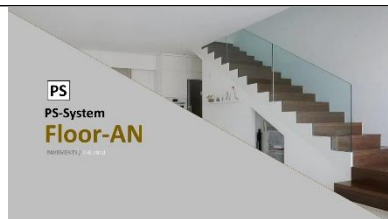


Continuous cold polyurea flooring with Ultra Fast curing Quartz Color system.

The Floor-POCM system is an innovative UV-resistant decorative cold-cured polyurea flooring with coloured aggregates. Designed for both indoor and outdoor applications, this system offers a single-colour quartz finish with ultra-fast curing. Ideal for a variety of spaces, from shopping centres to domestic floors, Floor-POCM combines aesthetics and functionality in a high-quality product.

- [Application method](#)
- [System](#)

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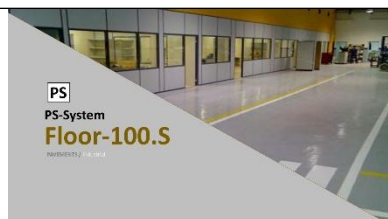


Continuous flooring made of 100% solids, high-strength, self-leveling epoxy resin.

Self-levelling epoxy floors are an ideal solution for industrial surfaces requiring medium-high mechanical resistance. These coatings offer a smooth and homogeneous finish, perfect for spaces such as warehouses, production rooms, operating theatres and laboratories. With an approximate thickness of 2,500 to 3,000 mm, these systems provide a durable and easy-to-maintain surface, combining functionality and aesthetics in demanding environments.

- [Application method](#)
- [System](#)

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Continuous flooring made of 100% solids epoxy resin with high chemical resistance.

Floor-100.S is a low thickness epoxy coating for low-medium mechanical stresses. It offers a smooth or non-slip finish, ideal for industrial and commercial areas.

- [Application method](#)
- [System](#)

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Pavimentos
Industriales

Sistema-PS

Floor-PU.CR



Continuous one-component polyurethane resin flooring Ultra-Fast curing

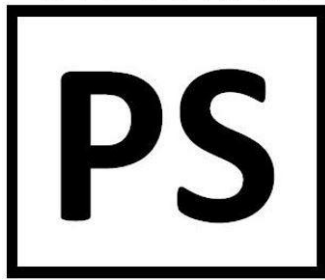
Floor-PU.CR is an ultra-fast curing, single-component polyurethane flooring system designed to deliver a satin or gloss finish with high resistance to abrasion and wear. This innovative system, known as Floor-PU.CR, provides a durable and aesthetically appealing solution for a variety of industrial and commercial applications, allowing for commissioning in less than 8 hours.

- [Application method](#)
- [System](#)

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Sistemas



COMERCIALES

Nuestra gama de pavimentos ofrece soluciones avanzadas para la construcción de superficies comerciales que requieren alto rendimiento y durabilidad. Estos pavimentos están diseñados para ser altamente resistentes a productos químicos, temperaturas extremas, tránsito intenso y abrasión, además de ser continuos y sin juntas, lo que facilita su limpieza, desinfección y mantenimiento.



Pavements

Comercial

Continuous flooring systems for the commercial sector



Ventajas de Nuestros Pavimentos Comerciales:

1. Alta Resistencia a Productos Químicos:

- **Protección Superior:** Nuestros pavimentos están formulados para resistir la exposición a diversos productos químicos, asegurando una superficie segura y duradera en entornos comerciales exigentes.

2. Durabilidad en Condiciones Extremas:

- **Resistencia a Temperaturas Extremas:** Diseñados para soportar tanto altas como bajas temperaturas, estos pavimentos mantienen su integridad y funcionalidad bajo condiciones ambientales adversas.
- **Soporte al Tránsito Intenso:** Ideales para áreas con alto volumen de tráfico, nuestros pavimentos resisten el desgaste y el deterioro causados por el tránsito constante de personas y equipos.

3. Propiedades Antiabrasión:

- **Superficie Duradera:** La resistencia a la abrasión asegura que los pavimentos mantengan su apariencia y funcionalidad a lo largo del tiempo, incluso en áreas de uso intensivo.

4. Superficie Continua y Sin Juntas:

- **Fácil Limpieza y Mantenimiento:** La ausencia de juntas elimina los puntos de acumulación de suciedad y bacterias, facilitando la limpieza y permitiendo una desinfección total.
- **Mantenimiento Simplificado:** Los pavimentos continuos reducen la necesidad de reparaciones frecuentes y simplifican las tareas de mantenimiento, resultando en menores costos operativos.

5. Versatilidad de Aplicación:

- **Adaptabilidad a Diferentes Entornos:** Nuestros pavimentos son adecuados para una amplia gama de aplicaciones comerciales, desde tiendas y centros comerciales hasta hospitales y cocinas industriales.
- **Soluciones Personalizadas:** Ofrecemos opciones que se pueden adaptar a las necesidades específicas de cada cliente, asegurando que el pavimento cumpla con los requisitos exactos del entorno comercial.

Nuestra gama de pavimentos comerciales combina resistencia, durabilidad y facilidad de mantenimiento, ofreciendo una solución integral para cualquier entorno comercial. Con alta resistencia a productos químicos, temperaturas extremas, tránsito intenso y abrasión, y con una superficie continua y sin juntas, nuestros pavimentos garantizan una limpieza y desinfección total, asegurando un entorno seguro y eficiente. Confíe en nuestros pavimentos para proporcionar la base sólida que su negocio necesita.



Continuous low-emission polyurethane flooring for use in interiors and exteriors

The Floor-PU low-emission polyurethane flooring system is designed to provide a satin, matte or gloss finish with high resistance to abrasion and wear. This system, known as Floor-PU, provides a durable and aesthetically appealing solution for a variety of industrial and commercial applications.

- [Application method](#)
- [System](#)

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Continuous polyurethane water flooring with bacteriostatic properties according to ISO 221G6:2007

The Floor-PUW system is an innovative water-based polyurethane flooring solution. It offers a smooth, satin finish with bacteriostatic properties according to ISO 22196:2007. This system is ideal for industrial and commercial areas requiring resistance to light and medium impacts, as well as ease of cleaning and maintenance. With its versatile design and durability, Floor-PUW is the perfect choice for a wide range of applications, from production areas to offices and lofts.

- [Application method](#)
- [System](#)

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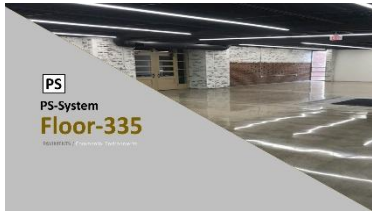
Continuous flooring made of water-based epoxy resins for use in interiors

The Floor-H2O system is an innovative water-based epoxy flooring system designed for interior applications. This system offers a low build solution for continuous flooring, combining durability and aesthetics. Finished in a wide range of RAL colours, Floor-H2O is ideal for a variety of environments, from industrial spaces to residential and commercial areas.

- [Application method](#)
- [System](#)

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Continuous 100% solid epoxy flooring with a smooth, non-slip finish

Floor-335 is a 100% solids medium thickness epoxy coating designed for low-medium mechanical stresses. This innovative product offers a versatile solution for industrial floors, providing a smooth or non-slip finish according to the specific needs of each project. With its advanced formulation, Floor-335 guarantees durability, easy maintenance and a superior aesthetic appearance in a variety of applications.

- [Application method](#)
- [System](#)

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Continuous epoxy resin flooring for economical painting in the interior of parking lots

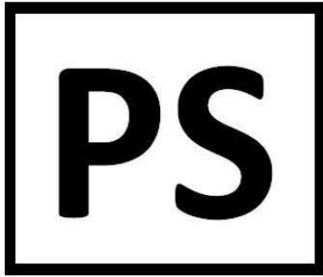
Low build epoxy floors are an ideal solution for industrial coatings with low to medium mechanical stresses. The PS Floor-100 system offers a smooth or non-slip finish, providing a continuous, homogeneous and easy-to-clean surface. This system is perfect for warehouses, production halls, car parks and other industrial spaces that require a durable, low-maintenance floor.

- [Application method](#)
- [System](#)

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Sistemas



CIVILIANS

Our PS Systems are designed for the creation of high-quality continuous pavements in civil environments. Using high-solids resins and with total adhesion to the substrate, these systems allow the formation of continuous, transparent surfaces without joints or overlaps, offering a durable and aesthetic solution.



PS

Pavements
Civil

Continuous pavement systems for private civil environments

Ventajas de los Sistemas PS en Ambientes Civiles:

1. Continuous and Diaphanous Surfaces:

No Joints or Overlaps: The application of our PS Systems results in completely uniform floors, eliminating joints and overlaps that can accumulate dirt and weaken the structure.

2. High Adhesion to the Support:

- **Total Adhesion:** The resins used in our systems adhere completely to the support, ensuring perfect integration and increasing the durability of the pavement.

3. High Solids Resins:

- **Extreme Durability:** High solids resins provide a tough, long-lasting layer capable of withstanding the most demanding conditions in civil environments.
- **Greater Thickness and Strength:** These products offer greater thickness, improving wear resistance and prolonging the life of the pavement.

4. Aesthetics and Functionality:

- **Impeccable Finish:** The absence of joints and the continuity of the surface create an aesthetic and modern finish, ideal for public and commercial spaces.
- **Easy to Clean:** The continuous and uninterrupted surfaces facilitate cleaning and maintenance, contributing to a more hygienic and pleasant environment.

5. Versatile Applications:

- **Urban and Commercial Environments:** Ideal for plazas, parks, shopping centers and public buildings where a robust and aesthetically pleasing surface is required.
- **Public and Private Spaces:** Suitable for a variety of applications, from hallways and waiting rooms to auditoriums and recreational areas.

Our PS Systems are designed for the creation of high-quality continuous pavements in civil environments. Using high-solids resins and with total adhesion to the substrate, these systems allow the formation of continuous, transparent surfaces without joints or overlaps, offering a durable and aesthetic solution.



Pavimento continuo de poliurea en frío antideslizante de curado Ultra-Rápido para interiores y exteriores.

The Floor-PO system is a slip-resistant cold-curing polyurea flooring solution with a matte, satin or gloss finish and ultra-fast curing with low emissions. Designed for interior flooring, it offers crack-bridging capabilities, supports medium to high loads, and provides a slip-resistant surface. It is ideal for wet production areas, warehouses and other industrial spaces requiring a durable, high-performance flooring.

- [Application method](#)
- [System](#)

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Continuous low-thickness polyurethane-based flooring with a smooth, non-slip finish

The PS Floor-430 system is a continuous floor designed for low-medium mechanical stresses, ideal for sealing concrete, warehouses, production halls and commercial floors. With its smooth and homogeneous finish, this system provides a surface that is easy to clean and maintain, combining functionality and aesthetics in industrial and commercial environments.

- [Application method](#)
- [System](#)

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Continuous pavement of epoxy resins 3D system.

Floor-3D Efect is a continuous and smooth epoxy flooring, designed to create continuous floors with an impressive three-dimensional effect. This medium-thickness system offers a smooth and non-slip finishing texture, ideal for areas with low to medium mechanical stress. Perfect for interiors that require a touch of elegance and functionality, Floor-3D Efect combines aesthetics and durability in a unique solution for your spaces.

- [Application method](#)
- [System](#)

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Decorative elastic cold polyurea system with high sound damping (-20 dB) with a matte finish.

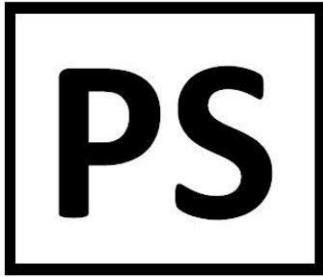
Flooring formed by a decorative elastic cold polyurea system with high sound damping (-20 dB), with a matte finish, low emissions. It offers high sound damping, a matte finish and bacteriostatic properties. It is ideal for public areas such as residences, hospitals and schools.

- [Application method](#)
- [System](#)

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Sistemas



SPORTS

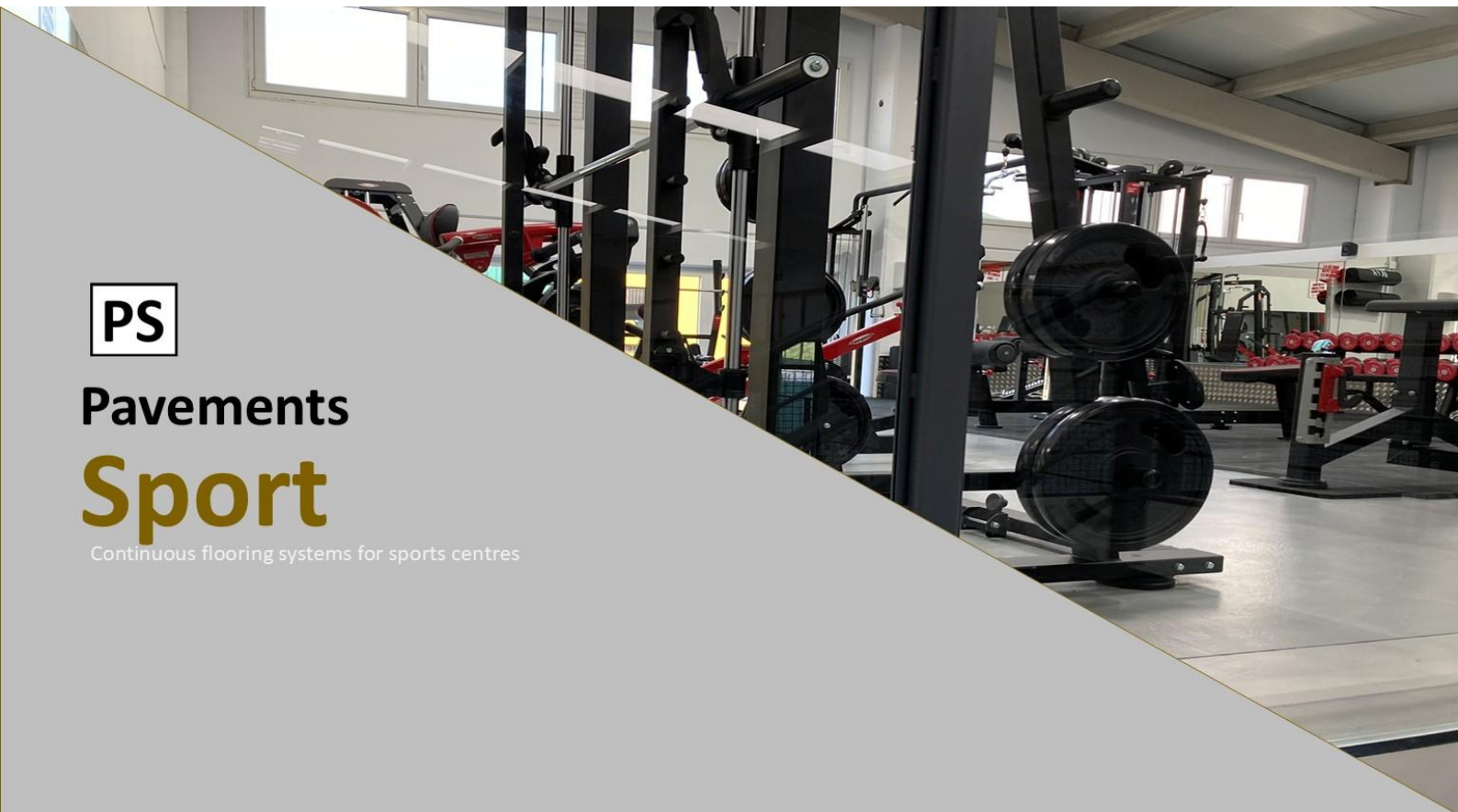
Sports flooring with PS Systems offers innovative, decorative and eco-responsible solutions. We specialise in providing specific responses adapted to each need, ensuring maximum performance and durability for sports facilities of all kinds.

The logo consists of the letters 'PS' in a bold, black, sans-serif font, centered within a white square that has a thick black border.

Pavements

Sport

Continuous flooring systems for sports centres



Deportivos: Advantages of PS Systems in Sports Flooring:

1. Innovation and Advanced Technology:

- **Cutting-edge solutions:** We incorporate the latest technologies in the development of our sports flooring, guaranteeing surfaces that optimize the performance of athletes and minimize the risk of injury.
- **High-quality materials:** We use top-quality materials that ensure the durability and excellent performance of our solutions.

2. Aesthetics and Decorative Functionality:

- **Custom Designs:** We offer a wide variety of decorative options that allow flooring to be customized according to the needs and preferences of each client.
- **Professional Finishes:** PS Systems provide impeccable finishes that combine aesthetics with functionality, ideal for any sports facility.

3. Eco-responsibility:

- **Commitment to the Environment:** Our sports flooring is developed with an eco-responsible approach, using sustainable materials and processes that minimize environmental impact.
- **Ecological Products:** The systems are formulated without solvents or volatile compounds, guaranteeing a safe environment for both users and the environment.

4. Adaptation to Specific Needs:

Tailor-made Solutions: We are specialists in adapting our solutions to the specific needs of each project, whether it is an athletics track, a basketball court, a gymnasium or any other sports facility.

- **Optimum Performance:** Each flooring is designed to provide the exact characteristics required by the specific sport, such as cushioning, traction and wear resistance.

Sports flooring with PS-Systems represents a perfect combination of innovation, design and environmental responsibility. We are dedicated to offering solutions tailored to the specific needs of each sports facility, ensuring high-quality surfaces that improve user performance and safety. Rely on PS-Systems to provide sports flooring that meets the highest standards of excellence and sustainability.



Acrylic slurry-based flooring for sports tracks

Floor-SP is a medium thickness acrylic coating with a semi-rough finish texture, designed to provide an ideal non-slip surface for low-medium mechanical stresses. This versatile system offers a durable and aesthetic solution for a variety of applications, from sports areas to industrial zones.

- [Application method](#)
- [System](#)

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Continuous cold polyurea-based flooring, anti-impact and comfortable.

The Floor-SP Confort system is an innovative flooring solution that combines comfort, functionality and aesthetics. Based on cold polyurea, it offers a non-slip finish with bacteriostatic properties and low emissions. Ideal for interiors and exteriors, this system provides crack-bridging, noise-damping and sound-absorbing capabilities, making it perfect for spaces that require high comfort and hygiene such as swimming pools, schools and hospitals.

- [Application method](#)
- [System](#)

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Continuous flooring based on water-based acrylic resin.

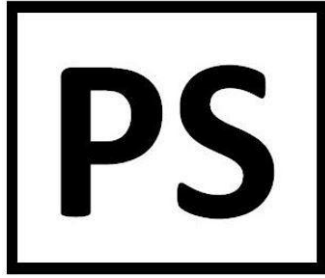
Paint for sports court floors not only has to combat inclement weather like other outdoor surfaces and wear and tear from foot traffic like other floors, but it must also resist strong impacts, whether from balls, boots or sports shoes.

- [Application method](#)

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Sistemas



LUMINESCENT

Luminescent and photoluminescent pavements are charged by both natural and artificial light. The duration and intensity of the subsequent emission depends on the type of light and the exposure time. With an average charge of 6 hours, these pavements can emit light for 8 to 10 hours, starting at a high intensity that gradually decreases over time.

The logo consists of the letters 'PS' in a bold, black, sans-serif font, centered within a white square that has a thick black border.

Pavements

Luminiscentes

Continuous luminescent and photoluminescent pavement systems



Charging and Emission Features:

Charging with Natural and Artificial Light:

- **Charging Versatility:** Photoluminescent materials are capable of absorbing energy from various light sources, whether natural (solar) or artificial (electric), making it easy to recharge in any environment.
- **Charging Efficiency:** Charging efficiency depends on the intensity and duration of light exposure. Greater exposure results in a fuller charge and longer-lasting output.

Broadcast Duration:

- **Long-lasting:** After an average charge of 6 hours, pavements can emit light continuously for 8 to 10 hours. This is ideal for nighttime applications or in low-light conditions.
- **Variable Intensity:** The light emitted is initially very intense and progressively decreases. This ensures adequate visibility during the first hours of darkness, followed by a soft light that persists until dawn.

Practical Applications:

- **Safety and Signaling:** Perfect for pedestrian paths, cycle paths, and transit areas where nighttime visibility is crucial.
- **Public and Recreational Spaces:** Ideal for parks, plazas, and recreational areas, providing decorative and functional lighting.
- **Residential and Commercial Environments:** Improves security and aesthetics in gardens, patios, and common areas without the need for constant electric lighting.

Additional Benefits

- **Energy Efficiency:** The ability to be powered by natural and artificial light reduces dependence on electrical energy sources, contributing to energy efficiency and reduced operating costs.
- **Environmental Sustainability:** Made from non-toxic and environmentally friendly materials, these pavements support sustainability and energy conservation initiatives.
- **Low Maintenance:** Once installed, luminescent and photoluminescent pavements require little maintenance, providing a long-lasting and reliable solution for outdoor lighting.

Luminescent and photoluminescent pavements represent an innovative solution to improve visibility and safety in various environments. Their ability to be charged with natural and artificial light, together with their prolonged emission, makes them an efficient and sustainable option to illuminate paths, public areas, and residential and commercial spaces. Rely on our pavements to provide effective and long-lasting lighting that improves both the functionality and aesthetics of your spaces.



Continuous Photo-Luminescent Pavement.

The Photoluminescent Paving System is an innovative cold polyurea solution for cycle paths and urban pavements. This system offers anti-slip properties and long-lasting luminescence, providing visibility in low-light conditions. Ideal for a variety of applications, from cycle paths to urban environments, this pavement combines functionality and aesthetics to improve the safety and visual appeal of public spaces.

- [Application method](#)
- [System](#)

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Luminescent continuous pavement.

Floor-Luminescent is an innovative continuous polyurethane flooring system with a luminescent finish, specifically designed for road marking. This low-emission system offers a unique solution for industrial and commercial areas, combining durability, safety and a distinctive visual appeal. Below, we will explore in detail the features, applications and benefits of this revolutionary product.

- [Application method](#)
- [System](#)

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