

Plexicoat Systems Overview



PLEXICOAT MMA RESINS

PLEXICOAT ONE COAT MULTISURFACE MMA

PLEXICOAT ESD COATINGS

PLEXSTONE

PLEXICOAT HWU URETHANES & POLYASPARTIC

PLEXICOAT MULTIPATCH FIBERS

PLEXICOAT TROWEL BLEND AGGREGATES

PLEXICOAT EPDM RUBBER GRANULES

Plexicoat Resins



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Why Plexicoat MMA Resins?

Plexicoat MMA: The faster way to a new floor

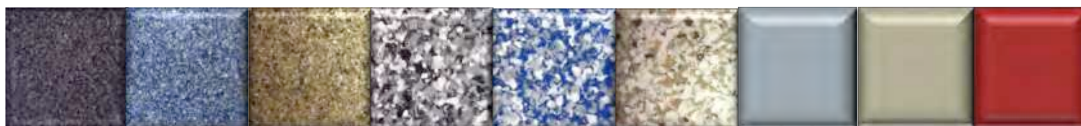
When selecting and specifying flooring, whether for new buildings or renovations, planners and builders must consider the time invested in installation; as well as functionality and aesthetic appeal.

Flooring systems with Plexicoat MMA resins offer a highly efficient solution. Robust and resistant to mechanical and thermal loads, as well as chemical attack, they are also quickly installed. Freshly installed flooring can be walked on and used normally in just one hour, so that prolonged work stoppages and shutdowns are avoided. Plexicoat MMA systems cure rapidly and are easily installed, even at temperatures down to -20°F.






Plexicoat MMA Resins: For the most stringent requirements

Plexicoat MMA resins are solvent-free, cold-curing methacrylate systems for producing high-quality flooring. Polymerization of the different system components occurs with the addition of a powder hardener. Plexicoat MMA based flooring systems are generally applied on concrete, screed, steel, wood or tiles. Successfully applied coats result in a seamless, highly functional floor. In industrial and commercial flooring, Plexicoat MMA resins protect concrete surfaces from weathering effects, mechanical loads and chemical attack. As tested system components they meet the strictest hygiene requirements and improve workplace safety by their skid resistance.

Plexicoat MMA is available in many Color Quartz, Color Flake and Pigmented Finishes



Advantages

	<p>Fast curing</p> <ul style="list-style-type: none"> • Only brief stoppages or shutdowns required • Ready for use after only a few hours 	<p>Coatings containing Plexicoat MMA polymerize very fast and can be subjected to chemicals and mechanical load about one hour after application.</p>
	<p>Low-temperature curing</p> <ul style="list-style-type: none"> • Can be applied at very low temperatures • Application in cold storage areas 	<p>Coating systems containing Plexicoat MMA cure completely even at temperatures as low as -20°F.</p>
	<p>Interlayer adhesion</p> <ul style="list-style-type: none"> • Plexicoat MMA systems can be applied to one another and allow a modular approach to floor design which can be tailored to project requirements • Damaged surfaces are easily re-coated 	<p>Due to an excellent mutual compatibility, the individual layers of Plexicoat MMA resin systems bind particularly well to one another.</p>
	<p>Expertise and innovative strength</p> <ul style="list-style-type: none"> • Resin systems matched to project specifications • Continued development of eco-friendly resin systems 	<p>Plexicoat's manufacturing facility produces more than 95% of the components of Plexicoat MMA resins and has comprehensive expertise in the development and production of monomers, polymers, additives and coatings.</p>
	<p>Weathering and aging resistance</p> <ul style="list-style-type: none"> • Long lifetime and service life • Application is also possible in open areas and on exterior surfaces 	<p>Floor and decking systems obtained after curing of Plexicoat MMA based resins are distinguished by extraordinarily high light and UV resistance and long service life.</p>

Plexicoat One Coat MultiSurface MMA

Fast curing, Durable, Skid Resistant Pavement and Deck System



Plexicoat One Coat MultiSurface MMA is a very hard wearing, UV resistant, durable and flexible system. It is ideal for skid resistance necessary on pedestrian bridges and walkways, yet has a very high chemical resistance against petrol, oil, diesel, salt, water, chemicals and detergents. It is ideal for protecting concrete structures from attack and is also aesthetically pleasing in many RAL colors available. Used without aggregate, Plexicoat One Coat MultiSurface MMA can be used for line striping and other smooth finishes. Use EPDM Rubber Granules as a flexible pool deck coating with topcoat.

Long-Term Performance

- High wear resistance
- Cost effective due to durability
- Maintains Vibrant Colors
- UV Stability and weatherability
- Sustainable Flexibility

Proven Safety

- Visibility and color contrast
- Adjustable anti-skid and high-friction properties
- Drop on glass beads for improved wet night visibility

Step One



Mix the powder hardener and aggregate directly into the resin.

Step Two



Pour it on the surface and spread it with a roller or squeegee then back roll - finished!

Easy Handling

- Fast curing
- Wide application temperature range
- Versatility and flexibility in color and design
- Aggregate type include: quartz sand, corundum, aluminum oxide, or EPDM Rubber Granules
- Squeegee, roller or trowel application
- Bonds to concrete and asphalt

Plexicoat MMA Repair Products

Easy Mixing, Fast Curing, Durable, Versatile, Low Temp Repairs

Plexicoat MMA Repair Mortar Kit

Slope Floors, Fill holes, build curbs, Plexicoat MMA Repair Mortar can be used interior or exterior to solve the toughest concrete repairs in under an hour



Plexicoat MMA MultiPatch Kit

Thin, feather edge patching up to 3/8". Horizontal or vertical applications. Stronger than concrete. Fast and easy to apply.



Plexicoat MMA FlexPatch Kit

A flexible mma patching compound, for joints and cracks. Easy to mix and easy to apply. Can be pigmented to many colors. Can be installed at low temperatures



Just Mix and Apply

Plexicoat ESD Coatings

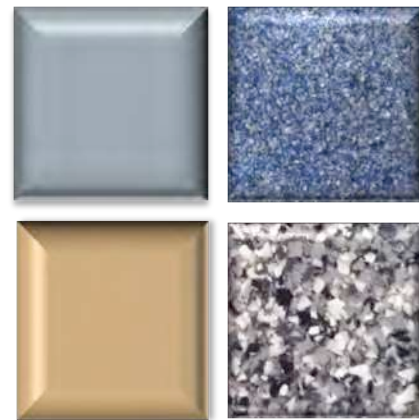
ESD & Conductive Urethane Systems

Plexicoat has developed a full range of ESD coatings designed to meet and exceed the current performance standards. These particulate-based systems perform more consistently than traditional ESD coatings, carpet and tile. Because the ESD component is an integral part of the chemistry of these polymers, the system will consistently perform with no hot or dead spots. This means more consistent ESD performance throughout the entire thickness of the coating, not just the surface. Plexicoat ESD systems exceed industry standards and you can be assured the system will continue to perform, even as ESD standards and requirements become more stringent.

Plexicoat ESD Urethane Topcoat ESD has revolutionized the ESD-control polymer floor coating market. Our proprietary particulate ESD technology has allowed us to design a coating that not only is available in a vast array of bright, vivid colors, but one that also can be used as a transparent topcoat for decorative quartz and flake floors. It's even possible to coat existing ESD tile floors, eliminating the need to perform continuous, expensive stripping and ESD waxing maintenance. All while providing BVG readings below 15 volts with conductive footwear.

You can now achieve the best of both worlds - the most consistent and reliable ESD-control performance, combined with a vast array of color and decorative options ... plus, all the benefits of polymer flooring, including:

- No waxing required
- Excellent Impact & abrasion resistance
- Excellent chemical resistance
- Superior cleanability
- Lower life cycle costs



Many colors available and clear for color quartz and color flake

PlexStone

PlexStone provides an innovative way of creating attractive designs on commercial and industrial flooring. Epoxies, Polyaspartic and MMA's can be used to create truly exceptional flooring designs using these colorful plastic flakes from Plexicoat to accentuate the corporate design and enhance the customer experience. The finishes give a brilliant appearance and incomparable depth effect which PlexStone gives to the flooring.



Additional Plexicoat Products

Plexicoat EPDM Rubber Granules used in Softop™



Plexicoat Trowel Blends & Aggregates



Plexicoat High Wear Urethane, Polyaspartic and Epoxy

Plexicoat PLX1000 HWU Urethane is a low odor/low VOC, durable, chemical resistant, aliphatic, satin urethane topcoat for high volume and heavy load traffic areas.

Plexicoat PLX007LV Polyaspartic is a solvent based, two component, 66% solids polyaspartic aliphatic urethane clear coating. PLX007 has excellent chemical resistance, hardness, abrasion resistance, UV stability and has an excellent clear gardner color. PLX007 is exceptionally quick tack free time of 1-2 hours for foot traffic.

Plexicoat PLX1200 Slow Set Epoxy is a two component 100% solids epoxy seal coat that can be used either as a coating or filled with metallics, paint chips, marble chips and colored sand mixtures to provide an infinite array of color schemes or patterns.

Plexicoat MultiPatch Fibers

MultiPatch polyethylene fibers are used in applications which require high impact or abrasion resistance. MultiPatch Fibers are used in Plexicoat MultiPatch and FlexPatch Repair Kits. In addition, can be used as a texture additive for epoxies.



PLEXICOAT, INNOVATIVE FLOORING

Plexicoat Resins





The experts for your flooring project

As the producer of **Plexicoat**, SFC is a specialist in the development and production of high-grade methacrylate resins used as starting materials in the production of fast-curing flooring systems.

Construction Managers and Architects

The coating process, from preparation of the floor, through formulation of resins with aggregates, to layer-wise application of primer and upper layers, is executed by companies specializing in flooring technology. **Plexicoat** collaborates exclusively with trained and certified specialists possessing a broad knowledge of the field and specific expertise in the processing of our **Plexicoat** products.

Installers and Distributors

Our expert would be happy to answer your questions on **Plexicoat Resin Systems**.

Please contact us for details or your nearest Sherwin Williams Dedicated Flooring or Protective and Marine Representative for your flooring project.

Where to buy Plexicoat

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