

## Sikafloor® Pronto 1-Hour Cure Flooring®

MMA  
TECHNOLOGY



## Fast cure, seamless performance floors

As part of the acrylics family, methacrylates share the same chemistry used to create everyday products, including Plexiglas®, house paints, eyeglass lenses, bullet-proof glass and dental and medical materials. This versatile resin is commonly chosen for its extremely fast and efficient curing mechanisms. Used in the design of resinous flooring systems, methacrylates can meet a wide variety of technical design criteria, including aesthetics, durability, ease of maintenance, versatility and reduced life cycle costs.

- 1-hour cure... return to full operation in a fraction of the time required by other flooring technologies
- Fully cures in temperature extremes down to -20°F
- Built-in assurances for absolute bond integrity
- VOC compliant systems
- Superior UV stability for indoor and outdoor use
- Superb chemical, mechanical and thermal resistance

# Ultra FASTcure

Facility downtime can prove to be a major expense. Sikafloor Pronto MMA flooring systems fully cure in about one hour, thereby allowing your facility to return to full operation in a fraction of the time required by other flooring technologies.

Sikafloor Pronto MMA flooring products cure via a free radical polymerization reaction. Within one hour of application, nearly 100% of our system has been converted from a liquid to a solid, with no unreacted portions of the material left to leach out of the system. This process guarantees uniform physical properties for batch consistency.



## Sikafloor® Pronto MMA Roll-On Systems

*In light industrial/manufacturing areas where dust control and ease of cleaning are essential, Sikafloor Pronto MMA Roll-On systems will perform brilliantly. These systems are used to resurface and revitalize damaged and/or exposed concrete surfaces. Roll-on systems are available in an array of pigment options.*

## Sikafloor® Pronto MMA Colored Quartz Systems

*Self-leveling color quartz overlay systems. Sikafloor Pronto MMA Colored Quartz systems offer extremely high strength, durability and superior slip and wear resistance characteristics. These systems are finished with color quartz aggregates that are broadcast into the flooring system during installation. Colored quartz systems are ideal for areas where heavy concrete damage has occurred or where wet conditions exist, such as cage wash areas and food processing facilities.*

## Sikafloor® Pronto MMA Flake Systems

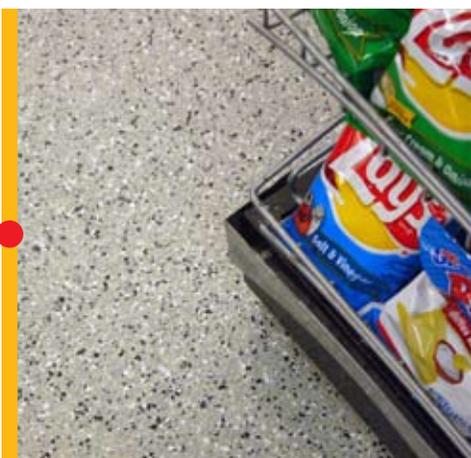
*Self-leveling flake overlay systems. Sikafloor Pronto MMA Flake systems exhibit high strength, durability and architectural impact. Decorative flakes are broadcast into the flooring system during installation and become a permanent part of the finished floor. These systems are ideal in retail environments or other areas where cleanliness and aesthetics are essential.*

## Sikafloor® Pronto MMA Polymer Concrete Underlayment

*Our MMA polymer concrete is an ideal solution for patching, underlayment, grouting and spall repair applications that require quick turnaround and exemplary bonding. This versatile product is also UV resistant for indoor/outdoor use.*

**Typical Sikafloor® Pronto MMA Decorative (Colored Quartz or Flake) Flooring System:**





## METHYL METHACRYLATE (MMA)

# Fast, effective, high performance flooring

An efficient, complete cure in one fast hour is an immediate benefit of MMA technology. The advantages continue from there:

- **LOW-TEMPERATURE CURE**

Because of the unique curing mechanism, Sikafloor Pronto MMA flooring systems will fully cure even in temperature extremes down to -20°F.

- **PERMANENT BOND**

Proper substrate bond is the most integral part of any flooring system. With every application of a Sikafloor Pronto MMA flooring system, multiple bond tests are performed just prior to the floor system installation.

- **BOND TEST:** Mix approximately 8 ounces of Sikafloor Pronto 13 with a 1/2 ounce of Sikafloor Pronto Hardener (slightly more or less depending on the substrate temperature) and mix for 30 seconds using a drill jiffy mixer (300-450 rpm). Apply primer with a brush over an area approximately 4-6 square feet (0.5 square meters). After 60 minutes, the primer should not be sticky and must not be able to be removed by scratching with either a knife or screwdriver. If primer remains tacky, this may indicate the presence of a contaminate in the concrete. This series of bond tests, specified on every project, will assure proper substrate preparation techniques and permanent bond of the Sikafloor Pronto MMA flooring material.
- **INTERCOAT CHEMICAL BOND:** Sikafloor Pronto MMA systems start with a low viscosity penetrating primer, followed by intermediate and topcoat applications. Because of the chemical nature of methacrylates, these subsequent coating applications chemically bond with the primer and cure



to form one solid, continuous mass. This chemical bond provides a chemically-welded, monolithic flooring system.

- **EASY CLEANING & MAINTENANCE**

Dirt, grease and liquids cannot penetrate these non-porous and resin-rich flooring systems. Any dirt, spills or other impurities remain on the surface and are easily removed by common cleaning procedures. And since our systems never require stripping or waxing, cleaning and maintenance costs are drastically reduced.

- **OPTIMUM AESTHETICS**

Sika offers a dynamic range of colors and textures in its Sikafloor Pronto MMA flooring systems. Pigment, quartz and flake options provide varying degrees of thickness and surface texture, offering designers the utmost flexibility when specifying a floor system. This versatility allows Sikafloor Pronto MMA systems to meet the most demanding aesthetic and performance requirements.

- **LONG-LASTING DURABILITY**

The overall cost of a flooring system can only be determined by its performance and durability over a length of time. Although economical up front, many flooring systems provide brief service lives prior to chemically breaking down or delaminating. The cost of repairing and/or replacing these systems can prove to be more expensive in the long run. Sikafloor Pronto MMA flooring systems eliminate the need for costly repair and maintenance programs. These systems do not disintegrate, chalk or become brittle over time. Additionally, these systems are color and UV stable, impact and abrasion resistant — thereby providing a long, durable service life that results in minimal life cycle costs.



# MMA: 1-hour cure INDUSTRIAL FLOORING SYSTEMS

## Markets Served

### Industry

Assembly, production and manufacturing areas, aisles and loading docks require a flooring system that can withstand abuse from forklift traffic, heavy loads, impact and chemical attack. Sikafloor Pronto MMA flooring systems are designed to stand up to the extreme demands of industrial manufacturing environments. These systems exhibit superior bond to the concrete substrate, providing a durable, extremely high strength floor system.



### Food Processing

Food processing environments require flooring systems that are tough, non-porous and impervious to various greases, cleaners, liquids, dirt and grime. Sikafloor Pronto MMA flooring systems stand up to the most aggressive cleaning and maintenance programs. These tough and durable floors withstand and protect against the liquids and solids specific to food processing environments, as well as the movement of heavy rolling loads.



### Pharmaceutical

Pharmaceutical manufacturing facilities require a flooring system of the highest integrity. From clean rooms and cage wash areas to research, development and manufacturing areas, Sikafloor Pronto flooring systems provide a stain-resistant, seamless, impervious, durable floor that is easily sanitized and maintained. And because chemicals, dirt and cleaning solutions cannot penetrate the surface, stain resistance is optimized.



### Stadiums

Large public venues, such as stadiums and arenas, face a number of challenges with providing clean, safe and aesthetically-pleasing facilities for its patrons. From concession areas to seating areas, restrooms and locker rooms, the flooring surface must be clean, hygienic, and highly-resistant to mold, fungi, spills and staining. Sikafloor Pronto flooring systems provide a durable, slip-resistant, easily-maintained surface with excellent weatherability characteristics.



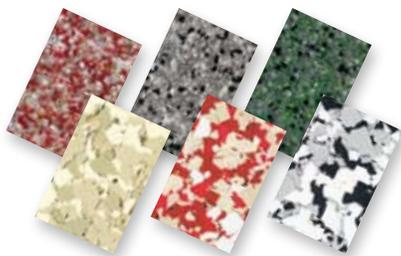
### Restaurants

From dining areas to food prep areas, bars and kitchens, restaurants require floors that are attractive, slip-resistant, easily cleanable and able to meet local, state and federal health department standards and regulations. Sikafloor Pronto MMA flooring systems provide piece of mind by offering the right protection against odors and stains while keeping the facility clean and compliant to safety and health standards.



### Supermarkets

Retail facilities, such as supermarkets, convenience stores and pharmacies require durable, attractive, stain and slip-resistant flooring systems. These floors must be cleanable and must be able to meet inspection requirements. Sikafloor Pronto MMA flooring systems meet the demands of supermarket environments. The ability to cure in cold temperature environments makes these flooring systems an ideal solution for walk-in coolers and freezers. No shutdown of the area is required, thereby saving time and money.



## Decorative Options Available

### Color Quartz | Flake

Achieve seamless artistic impact with Sikafloor's creative palettes of decorative quartz and flake blends. Downloadable color charts are available via our website, [www.sikafloorusa.com](http://www.sikafloorusa.com). Or, contact your Sikafloor representative to receive printed color cards or applied samples.

**Sika... One Name. One Source. Worldwide.**

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