

PLASTIFLOOR®

MMA and PUMMA Resins Made in Germany

RESINOUS FLOORING SYSTEMS

Let it cure fast with Plastifloor® resins

Plastifloor® products are based on methyl metacrylate resins. The production started in 1995 and since then we continued developing the coating systems and Plastifloor® Product line was alive. Due to long-time improvement and resourcefulness of the Plasti Chemie founder Mr. Lull the great formulas for MMA and PUMMA-resins were developed. However, the standards are always rising so is the quality of our resins. Our laboratory constantly tests and improves the performance of our products.

Plastifloor®resins has proven itself in practice exposed to the toughest conditions. Not only because of the unique characteristics but also because Plastifloor® flooring is a system designed with german quality and precision. Lamination strength varies between 1 and 7 mm.



Plasti Chemie headquarters in Falkenstein, Germany



Above:Plastifloor resins applied on a Basketball Court in San Francisco, US.

Plastifloor® resins were installed internationally. We deliver to every part of the world DAP.

Plastifloor® Characteristics

- 1. Rapidly Fast Curing Time**
- 2. Super Hygienic/Anti-Bacterial Characteristics**
- 3. Excellent Bond and Compressive Strength**
- 4. Wear Resistance/Waterproofing Membranes**
- 5. Low Temperature Applications**
- 6. Different stages of Slip Resistance**
- 7. Easy Cleaning/Maintenance/Sanitation**
- 8. Long Durability- Flexible or Hard Properties**
- 9. Non-toxic and Low in VOCs**
- 10. Wide Range of Colors/Textures**

PLASTIFLOOR® INDUSTRY

Resin-sand mixture applied by hand- Trowel on System

- **Heavy Industry**
- **Engineering**
- **Printing-Houses**
- **Textile Industry**
- **Food Stocks**
- **Supermarkets**
- **4.00-5.00mm**

Plastifloor® is mostly used in industrial branches where its strong mechanical resistance and chemical resistance characteristics excels. Within areas heavily loaded with machines, traffic, exposed to chemicals and low temperatures...

This system is highly customizable and designed to meet individual needs of every customer. Even if the conditions are challenging our additives help improve the application process and also overall performance.

Plastifloor® 522

- Sealer developed to improve heavy mechanical and anti-scratch resistance of the smooth coatings

Plastifloor® 418

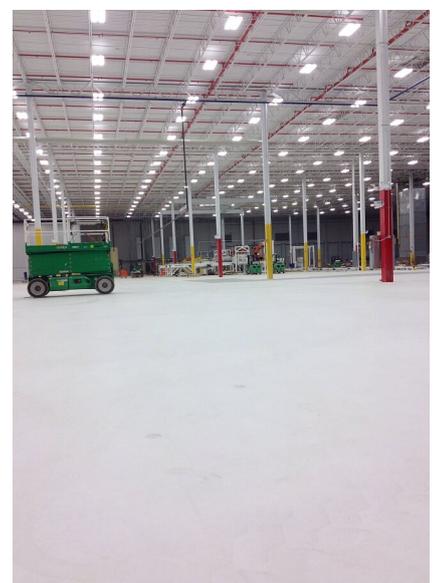
- base coating mixed with Colorsand and trowelled on
- up to $S N/mm^2$ comprehensive strength
- seamless solution, fully loadable after 2hours of installation

Plastifloor® 332N

- a waterproofing membrane layer applied with 332 1:1 SL Filler and slightly broadcasted with sand 0,6-1,2mm
- improves the overall performance of flooring

Plastifloor® 112

- basic MMA primer 0,5kg/m² slightly broadcasted with sand 0,6-1,2mm



PLASTIFLOOR® BROADCAST

Resin-sand mixture spread and broadcasted with Color Sand

- **Slaughter Houses**
- **Butcher's Shops**
- **Bakeries**
- **Dairies**
- **Breweries**
- **Kitchens**
- **Cold-Storage Rooms**
- **Loading Bays**

Plastifloor® is also commonly used in commercial branches where its hygienic properties and mechanical chemical resistance are valued.

This system is highly customizable and designed to meet individual needs of every customer.

It's applied in many slaughter houses, meat processing factories, breweries, cheese producing factories and kitchens where strict hygienic and sanitary conditions must be redeemed. Plastifloor® handles high temperature cleaning up to 80C and is seamless.

Plastifloor® 526

- Sealer developed to meet hygienic standards with resistance to the wet/fat areas

Plastifloor® 410

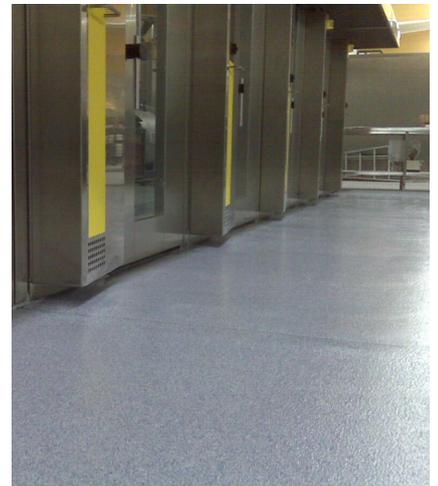
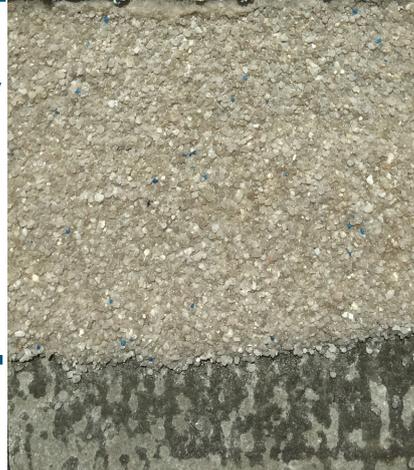
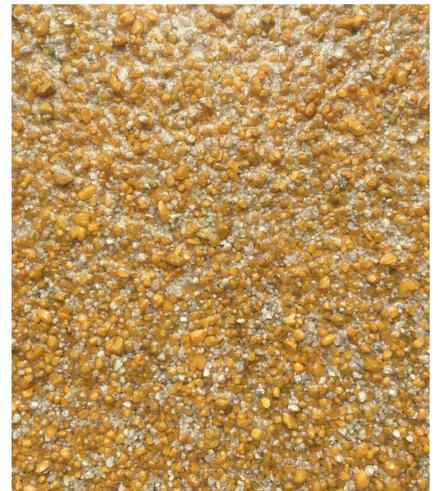
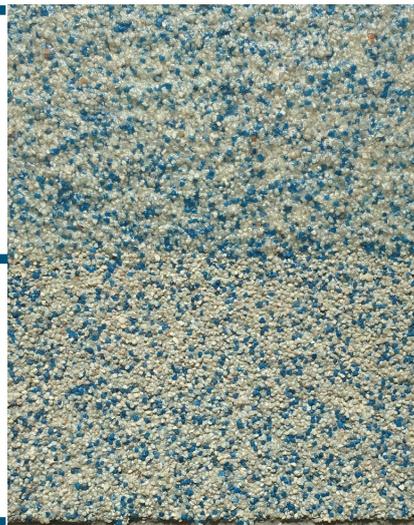
- base coating broadcasted with Colorsand small/large size
- seamless solution, fully loadable after 2-hours after installation

Plastifloor® 332N

- shock absorbing and waterproof membrane layer applied with 332 1:1 SL Filler and slightly broadcasted with sand 0,6-1,2mm
- improves the overall performance of flooring system

Plastifloor® 112

- basic MMA primer 0,5kg/m2 slightly broadcasted with sand 0,6-1,2mm



PLASTIFLOOR® TOPCOAT

Self-levelling resin-mixture sprinkled with Chips

- Pharmacy Labs
- Schools
- Hospitals
- Warehouses
- Offices
- Surgery Rooms
- Terraces, Balconies
- Warehouses

Plastifloor® TopCoat line is a partly or fully flaked coating system. The variations of chips/pigments of the floorings are countless and customizable for all customers. While being decorative and esthetically eye-pleaseing Plastifloor® TopCoats are always keeping high standards in their mechanical and chemical loading factor. This system was designed to last for years and is used to quickly renovate or repair commercial areas even over one night.

Plastifloor® 522

- Sealer developed to meet the heavy traffic resistance standards with resistance to the high mechanical load

Plastifloor® 410 or 412

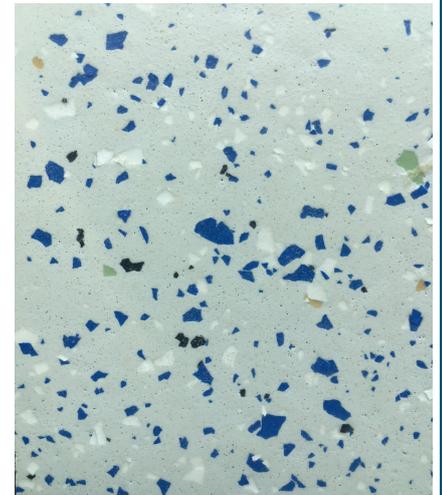
- base coating pigmented or not-sprinkled with Chips partly/fully
- seamless solution, fully loadable after 2hours of installation

Plastifloor® 332N

- shock absorbing and waterproof membrane layer slightly broadcasted with sand 0,6-1,2mm
- improves the overall performance of flooring system

Plastifloor® 112

- basic MMA primer 0,5kg/m2 slightly broadcasted with sand 0,6-1,2mm



PLASTIFLOOR® PRIMERS

Base Layer made of MMA resin

Quick curing 2-component reactive primers for all types of substrates easily applicable in low temperatures

Plastifloor® primers are designed to bond to any coating substrates and adhere to all types of materials. The layer cures after 30 minutes and following coatings may be applied. A proper preparation of the substrate is a must before deeply penetrating the substrate. Suitable also as a primer for epoxy/polyaspartic systems.

Plastifloor® 112

Standard 2-component MMA base coating for concrete and cement substrates

Plastifloor® 113 Additive

Plastifloor® 113 is an additive for Plastifloor 112 to improve performance on slightly damp cementitious substrates.

Plastifloor® 114

Low viscosity resin for concrete and cement screed crack repairs and penetration

Plastifloor® 115 B

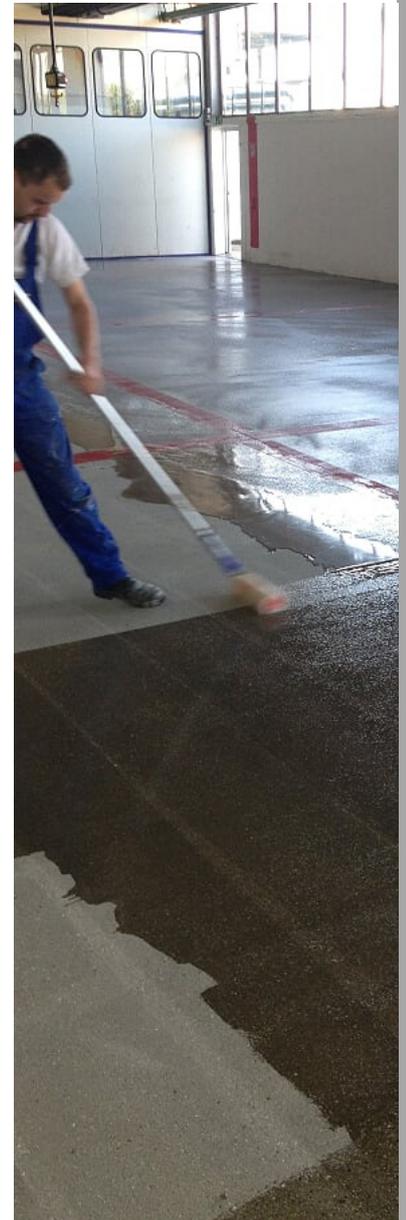
Solvent free MMA primer for concrete highway bridge decks
used also as a primer, sealer and a scratch protection

Plastifloor® 116

Standard adhesive primer for asphalt substrates

Plastifloor® 118

Special primer for new or damp concrete substrates



PLASTIFLOOR® BASE COATS

Finishing Layer made of MMA resin



Plastifloor® base coatings are the main layers of the flooring system. Membranes are functioning as a waterproofing and shock-proofing layer that strengthens the durability of the coating. Each resin has its unique specifications and excels in different conditions.

Plastifloor® 332N,Z,V

Flexible shock-absorbing and waterproofing membranes in thickness of 1.50–2.30mm. Plastifloor® 332 Zand N are prefilled resin solutions.

Plastifloor® 410

Prefilled resin for self-levelling coatings. Thickness may vary between 3–4mm.

Plastifloor® 412 (pigmented)

Elasticised prefilled resin for broadcasted and S/L systems. Thickness 2.0 to 4.0 mm.

Plastifloor® 418

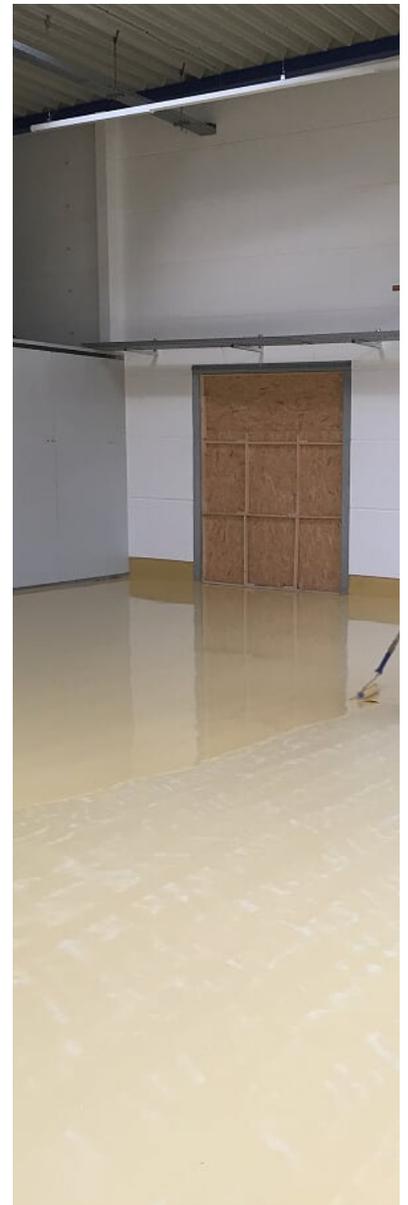
2-component floor coatings on concrete and metal substrate inside buildings. For wet and dry areas.

Plastifloor® 500 'Style'

Self-levelling smooth coating for residential and commercial use- with high optical quality.

Plastifloor® 800 PUMMA

Elasticized PUMMA resin may be used as membrane and waterproofing layer. Flexible at low temp. Best for coolers and freezers.



PLASTIFLOOR® SEALERS

Sealers made of MMA resin



Plastifloor® sealers are the best top coat to improve the durability of the coating. Their special specifications bring the flooring with a better performance in areas with heavy mechanical and chemical load, requiring hygienic and sanitary attributes in all areas of industrial and commercial businessess.

Plastifloor® 522

Sealer improving heavy mechanical and scratch resistance

Plastifloor® 526

Medium viscous methacrylate resin for sealing wet areas mstly in food processing industry

Plastifloor® 523 Additive

Additive to Plastifloor® 522 to improve solvent resistance

Plastifloor® 527 Additive

Additive to Plastifloor® 526 to improve heat resistance. Mostly used in food processing industry

Plastifloor® 528

Medium viscous MMA resin suitable for sealing the coatings outside and in coolers/freezers.

