Plastifloor[®] Methacrylate resins for protective Coatings and civil engeneering

What are Plastifloor® resins?



Plastifloor resins are not as new as one might expect. They have been use throughout the world in industrial coating applications for more then 30 years. But what they are?

- They are not Epoxy resins.
- They are not Polyester resins.
- They are not Polyurethane resins.

Plastifloor resins are Methaycrylate resins.

What makes Plastifloor resins so unique?

There are several unique features that distinguish Plasti-Chemie's Plastifloor resins from the above mentioned common coating materials. Their technical advantages fulfill the most demanding requirements of architects, plant engineers, applicators and building owners.

<u>Advantages for Architects and Plant Engineers:</u>

Plastifloor resins are versatile, allowing for the installation of plain or decorative, smooth or textured, highly resilient, chemical and wear resistant coatings all formulated from the same resin family.

Plastifloor resins are quick curing (1-2 hours) and therefore allow for installation or repairs in areas where only a short or no shut down time is possible.

Plastifloor resins open up possibilities for installation in areas and under conditions so far left untackled by other products, as for example in freezers at temperatures below 0°F or in chemical attack areas where strong acids and/or alkaline materials are in use.

Plastifloor resins uses include formulation for coatings for food processing areas that require USDA Approval.

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Advantages for the Contractors:

Plastifloor resins allow for the formulation of quickly installed, self leveling mixtures that help to cut down on labor costs and waiting time.

Plastifloor resins are low in viscosity and therefore facilitate the installation of troweled or rolled on coatings and can be thickened for application on vertical areas (walls and coves) or for the preparation of patching an jointing.

Plastifloor resins enable an applicator to diversify his activities away from commodity areas towards more recession proof specialty markets. This is due to the finished Plastifloor coatings chemical resistance, highly elastic, cold temperature cure and outdoor use features.

Advantages for Building Owners and End Users:

Plastifloor resins give them the choice of colored and/or textured finishes without sacrificing technical qualities for aesthetics.

When choosing Plastifloor resins they do not have to finance long shut down times with idled production, high running fixed costs and the inconvenience of keeping impatient customers waiting for the resumption of service.

Plastifloor resins will give them the coating tailor made for their needs, be impact resistance or chemical resistance, easy cleanability or non-slip surfaces, installations indoors or outdoors and even at low temperatures.

Plastifloor resins will help them save repair and maintenance cost due to the excellent wear characteristics of Plastifloor coatings.

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data concerning our products and devices as well as concerning our data and procedures are based on an extensive research work and an application technology experience. We obtain these results, with which we do not take over adhesion going beyond the respective single contract, in word and writing after best knowledge, reserve ourselves we however technical changes in the course of the product development. Beyond that our application technology service stands when desired for large consultation as well as for co-operation with the solution manufacturing and application technology problems for order. That does not relieve the user however to examine our data and recommendations before their use responsible for the own use. That applies - particularly for deliveries to foreign markets - also regarding the keeping of patent rights third as well as for applications and procedures, which are not expressly in writing indicated by us. The case of loss our adhesion is limited to indemnifications of same extent, as they plan our general terms of delivery and sales with lack of quality.

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