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SURFACE SOLUTIONS



Swimming Pool Epoxy

An Application Guide

Mixing:

Mix thoroughly for a minimum 3 minutes manual or with mechanical mixer at low speed (750rpm Max).

If mixing smaller portions mix at a ratio of 3A:1B by volume. For example, to prepare 2Kg mix, add 500mL of Part B into 1.5Lt of Part A.

- Ensure surface to be coated is dry, moisture can cause blooming and delamination.
- Pot life is approximately 45 minutes, work within 30min to ensure easy flow application.
- SHIMI COLOURS, SHIMI METALLIC or SHIMI GLITTERS should be first added to Part A (Resin). Mix slowly using drill mixer on low speed. Mix for a few minutes to ensure completely homogenized without lump. Pour the bend into your tray and apply directly on the surface using the roller.
- Use steady long strokes and avoid overworking the roller or pushing your roller too quickly as this may trap air bubbles in the coating.
- Do not apply if the rain is expected within 24 hours of application.
- New concrete should be allowed to cure fully (at least 28days) before application.
- Keep the pail sealed when not in use. Avoid application on hot surfaces.
- Not Recommended for out of water pool surrounding surfaces
- If directly Under the Sun some yellowing may occur (Pool water adsorb UV radiation of sunlight).

Curing Times

Swimming Pool Epoxy SP135 cures in 8-16 hours at 25°C. High temperatures and windy conditions may speed the curing time.

Keep foot traffic off the final coat for at least 16 hours and vehicles for at least 7 days. Full hardness is achieved after 7 days.

Temp °C	Pot Life (min)	Surface Dry (Hrs)	Initial Cure (Hrs)	Recoat (Hrs)	Fully Cured (Days)
10°C	45	12	24	24	7 Days
20°C	40	10	18	18	7 Days
30°C	35	8	16	16	7 Days

 MATERIALS  CHEMICALS  RESINS  EQUIPMENT

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WARNING

- Do not apply Swimming Pool Epoxy, if the concrete has a patchy appearance as moisture may be present. Dry Test prior to application.
- Direct sunlight and UV radiation may result in chalking, colour variations and yellowing effect over time. It is perfectly fine if under water as water adsorb UV radiation of sunlight.
- Not recommended for Pool surrounding where fully exposed to direct sunlight out of water.
- Pool Epoxy is highly chemical resistant however, certain Tints may react with pool chemicals and fade or discolor. We recommend **UVthane PLUS** as final topcoat to protect the surface from chemical attack. Please consider UVthane PLUS topcoat application to protect from fading due to chemical in Pool Epoxy.

Storage

The products shall be stored out of direct sunlight and heat at all times. The shelf life of the product is 24 months, mix uniformly for 3 minutes prior to use.

DISCLAIMER

Material Safety Data Sheet, Technical and Environmental Data Sheet can be provided upon request.

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