

RESIDENTIAL
& COMMERCIAL

INDUSTRIAL
& MARINE

ART
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SHIMICOAT
SURFACE SOLUTIONS



Chemical Resistant Clear Polyaspartic *An Application Guide*

Mixing:

Mix Ratio: 1A:1B by weight or volume. Mix thoroughly for a minimum 3 minutes manual or with mechanical mixer at low speed (750rpm Max). For example, to prepare 2Lt mix, add 1Lt of Part B into 1Lt of Part A, mix and apply.

Prepare the surface & apply as follow:

- Ensure surface to be coated is dry, moisture can cause blooming and delamination.
- Potlife is approximately 15 minutes, work within 15min to ensure easy flow application.
- For decorative applications, SHIMI COLOURS, SHIMI METALLIC or SHIMI GLITTERS should be first added to Part A (Resin), then adding Part B (Hardener). Mix slowly using drill mixer on low speed. Mix for a few minutes to ensure completely homogenized without lump. Pour the blend into your tray and apply directly on the surface using squeegee, roller or brush.
- 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.
- Not recommended for use below 10°C or above 35°C.
- New concrete should be allowed to cure fully (at least 20days) before application.
- Keep the containers sealed when not in use.
- Avoid application on hot surfaces.
- During application, NEVER leave containers under direct sun, as higher temperatures may shorten potlife.

Curing Times

Chemical Resistant Clear Polyaspartic cures in 3-4 hours. High temperatures and windy conditions may speed the curing time.

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

Temp °C	Pot Life (min)	Surface Dry (Hours)	Initial Cure (Hours)	Recoat Time (Hours)	Fully Cured (Days)
10°C	20	4	5	4	1 Day
20°C	15	3	4	3	1 Day
30°C	10	2	3	2	1 Day

 MATERIALS  CHEMICALS  RESINS  EQUIPMENT

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WARNING

- Heavy vehicles with hot tires may cause damage on driveway. Avoid driving over the new coated floors till completely cured (7 Days). For parking the car, place a mat under each tire during the first few weeks to ensure longevity of your new floor.
- Do not apply Chemical Resistant Clear Polyaspartic, if the concrete has a patchy appearance as moisture may be present. Dry Test prior to application.

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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