

RESIDENTIAL  
& COMMERCIAL

INDUSTRIAL  
& MARINE

ART  
& CRAFT

**SHIMICOAT**  
SURFACE SOLUTIONS



## Clear Marine 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

Clear Marine 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 Clear Marine 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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