

# Gecko<sup>®</sup> Polyaspartic Clear Gloss

High performance polyaspartic coating.

## DESCRIPTION

Gecko<sup>®</sup> Polyaspartic Clear Gloss is a two component, high solids, high gloss, clear coating that combines the excellent adhesion and toughness of polyaspartic resin technology.

With the inclusion of Gecko<sup>®</sup> slip resistive aggregates, Gecko<sup>®</sup> Polyaspartic Clear Gloss provides high performance safety surfaces for foot and vehicular traffic. (See Gecko non-slip systems guide for more information)

## ADVANTAGES

Gecko<sup>®</sup> Polyaspartic Clear Gloss delivers the following advantages:

- UV stable for interior and exterior applications.
- High gloss finish.
- Tough impervious, high abrasion resistant coating.
- Excellent adhesion to substrate.
- High chemical resistance, including oils, fats and solvents.
- Seamless application for easy cleaning and the prevention of bacterial growth.
- Resists hot tyre pick up.

## AREAS OF USE

Gecko<sup>®</sup> Polyaspartic Gloss is suitable for use in the following areas:

- Workshop floors
- Driveways
- Concrete and masonry structures
- Hospitals and laboratories
- Factory floors
- Restaurants
- External coatings for steel structures

## SUBSTRATES

Gecko<sup>®</sup> Polyaspartic Clear Gloss is suitable for application on:

### Surfaces not exposed to UV:

- Concrete, brick and masonry
- Metal (suitably prepared)
- Crommelin WB2K / flake floor systems.
- Gecko Polyurethane / flake floor systems.
- Crommelin Enhance Satin Tintable / flake floor systems.

### Surfaces exposed to UV:

- Concrete, brick and masonry
- Metal (suitably prepared)
- Gecko Polyurethane / flake floor systems.

## TECHNICAL DATA (@ 25°C)

Number of Coats:	1-2
Coverage: (per coat)	4-8m <sup>2</sup> /L - 250-125um WFT (200-100um DFT)
Pot Life:	± 1 hours 20 mins
Touch Dry:	± 8 hours
Recoat Window:	Between 8 - 18 hours
Foot Traffic:	8 hours
Full Cure:	7 days
Colour:	Clear
Clean Up:	Crommelin Solvent
Shelf Life:	6 months

# Gecko<sup>®</sup> Polyaspartic Clear Gloss

High performance polyaspartic topcoat.

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## TEST DATA

Salt Resistance:	Excellent
Hot Water Resistance:	Excellent
Abrasion Resistance:	Excellent
Solvent Resistance:	Fair
Acid Resistance:	Good (low concentrate)
Alkali Resistance:	Good
VOC Content: (without additional solvent)	170g/L

## ANCILLARY PRODUCTS

- Gecko<sup>®</sup> Primers.
- Gecko<sup>®</sup> Epoxyflex Topcoats.
- Gecko<sup>®</sup> Polyurethane.
- Gecko<sup>®</sup> Slip Resistive Aggregates.
- Gecko<sup>®</sup> Coving & Crack Repair.

## SUBSTRATE PREPARATION

Full substrate preparation instructions can be found at [www.crommelin.com.au/full-instructions/](http://www.crommelin.com.au/full-instructions/)

- Concrete must be a minimum of 28 days old and have a minimum compressive strength of  $\pm 30$ MPa. If concrete is younger than 28 days, refer to Gecko<sup>®</sup> Primer Surface Tolerant.
- Concrete surfaces should be mechanically prepared and have a rough, open finish.
- Surfaces must be sound and crack free. Repair all unsound areas with a suitable repair compound, installed as per manufacturer's instructions. Refer to Gecko<sup>®</sup> Crack Repair.
- Surfaces must be level. Grind high spots and fill low spots with a suitable levelling compound, installed as per manufacturer's instructions.
- Surfaces must be clean and free from dust, grease, food fats, curing compounds, release agents, loose particles, efflorescence, concrete laitance or any other contaminants. Curing compounds, sealers and other laitance are best removed by vacuum shot-blasting, scarifying or sand blasting.
- Surfaces must be dry (maximum 5% moisture content). The use of a professional grade moisture meter is recommended. If moisture content is over 5% refer to Gecko<sup>®</sup> Primer Surface Tolerant.
- **Refer to NACE No.6/SSPC-SP13 for full concrete preparation details.**
- Metal surfaces must be dry, rust free and clean from dust, grease, oils or any other contaminants. Areas of rust should be mechanically removed by abrasion.
- **Refer to AS1627.0 for full metal preparation details.**

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## APPLICATION CONDITIONS

- **Caution:** Application in low temperatures or high humidity is not recommended.
- Substrate temperature should be a minimum of 5°C above dew point.
- Protect the coating from moisture during the curing period.
- Application temperature between 10°C and 30°C.
- Application outside of these parameters may result in coating discolouration or blooming, however coating performance will not be affected.
- During periods of extreme cold or heat, cans may be warmed or cooled prior to mixing to optimise viscosity.

## APPLICATION TOOLS

- Good quality brush, short nap roller or squeegee.
- In cooler conditions, squeegee application is recommended instead of roller application.
- Use of spiked shoes is recommended.

## PRIMING

- Surface priming is recommended. For concrete, refer to:

**Gecko<sup>®</sup> Primer HP .**

**Gecko<sup>®</sup> Primer Rapid.**

**Gecko<sup>®</sup> Primer Surface Tolerant.**

- Primer must be over-coated with suitable topcoat within recommended over-coating window.

## PRODUCT PREPARATION

- Mix part A thoroughly before adding part B.
- Add all of part B to all of part A, scraping the can to make sure that no material is left un-mixed.
- Only mixing full kits is recommended.
- If part kits are required, ensure that the correct mixing ratio is adhered to.
- Mix part A and B thoroughly, using a slow speed drill and spiral mixing paddle, at a maximum of 500 rpm. Avoid air entrapment.
- Pour homogenously mixed material into a suitably clean paint tray to maximise pot life.
- First coat should be thinned with 2.5% solvent if a primer is not used.

## APPLICATION

Full application instructions can be found at [www.crommelin.com.au/full-instructions/](http://www.crommelin.com.au/full-instructions/)

- Apply evenly to suitably prepared and primed surface by brush, short nap roller or squeegee as appropriate.
- Ensure that topcoat 1 is applied to primed surface within primer over-coating window.
- Allow sufficient time for topcoat 1 to cure before applying topcoat 2.
- Ensure that topcoat 2 is applied within topcoat over-coating window.

## SLIP RESISTIVE FINISHES

- P3/R10 rating: Topcoat 1 incorporating Gecko Aggregate Fine at 65grs per L applied at 4m<sup>2</sup>/L, followed with a topcoat at 8m<sup>2</sup>/L.  
Tested to AS 4586-2013

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## CLEAN UP

- Uncured material may be removed with Xylene.
- Cured material may be removed mechanically.

## MAINTENANCE AND REPAIR

- Remove any spills immediately.
- Regularly clean coated areas with a pH neutral, mild detergent solution and rinse thoroughly.
- Any areas of damage must be repaired immediately.
- Areas of damage may be repaired by sanding the affected area to produce a mechanical key and re-application of suitable topcoat as required. Feather edge repair patch to minimise repair visibility.

## PRECAUTIONS

- **A test patch is recommended prior to full application to assess colour suitability, coating adhesion and slip-resistive finish.**
- **Final slip-resistive rating is determined by substrate profile and application rate. Slip-resistive ratings may only be achieved by measurement on site.**

## WARRANTIES

A standard warranty period of 10 years is offered for Gecko<sup>®</sup> coatings, when applied as per technical data sheet and maintained as per appropriate maintenance schedule.

Extended warranties are available for project specific applications. Please contact your Crommelin<sup>®</sup> representative, or the Crommelin<sup>®</sup> technical support team for detailed specifications applicable to your project and warranty requirements.

## SAFETY AND FIRST AID

Gecko<sup>®</sup> Polyaspartic Clear Gloss Safety Data Sheet is available from Crommelin<sup>®</sup> upon request.

### Safety

- Ensure good ventilation and avoid breathing vapours.
- Avoid skin and eye contact. Wear gloves and eye protection. Remove splashes on skin immediately and remove contaminated clothing.
- Keep out of reach of children.
- Keep container sealed when not in use.
- Do not swallow.

### First Aid

- If poisoning occurs, contact a doctor or poisons information centre: Ph. 13 11 26.
- If swallowed, do not induce vomiting. Give a glass of water to drink.
- If in eyes, hold eyes open and flood with water for at least 15 minutes.
- If not breathing, apply artificial respiration.

## TRANSPORT AND STORAGE

- Part A: Clear Resin
- Part B: Clear Resin
- Size: 8L Kit
- Weight: 10Kg
- Refer to SDS for DG information
- Cool and Dry Storage

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Customers need to undertake their own assessment to determine the suitability of a product for the intended use. As the performance of any product is subject to a wide variety of different surface types as well as environmental and surface-specific conditions, it is essential that a sample of the product be applied to the intended area of use to ensure it is acceptable in appearance and finish and that it performs as required on the specific surface.