



CP Cementitious Primer

Breathable primer
Technical Data Sheet DS123

Product Line CP Cementitious Primer

Description **Gecko CP** Cementitious Primer is a ready to use aqueous silane emulsion on for the water repellent impregnation and sealing of absorbent, mineral substrates.

Gecko CP reacts with the interfaces in pores and capillaries of the mineral substrate and forms an invisible, water repellent barrier. **CP** penetrates deeply in porous, mineral substrates, provides vapour permeable protection while reducing the uptake of water.

Gecko CP is an excellent water repellent for many absorbent mineral substrates such as brick, natural sandstone, concrete, and mineral plasters. It is not as suitable for substrates such as reinforced concrete for bridges and roads, dense natural limestone and marble.

Due to its aqueous consistency and storage stability when diluted, **Gecko CP** is ideal for in-plant impregnation of building materials made of clay, aerated concrete and brick. **Gecko CP** may also serve as a water repellent primer for emulsion paints and plasters, silicone resin emulsion paints as well as silicone resin plasters.

Exterior

Typical Uses May be used over suitably prepared unpainted surfaces, including:

- Tilt Slab
- Concrete blocks
- Plaster
- Stone
- Concrete
- Pre cast Concrete
- Fibre Cement
- Brick

Physical Properties:

Binder Type	100% Acrylic
Solvent	Water
Dry Time	1 Hour at 20°C
Recoat time	2-4 hours at 20°C, Relative Humidity <70%
Number of Coats	2 wet on wet
Theoretical Coverage	Lightweight Concrete min. 250m/m Sand Limestone 400m/m Mineral Plaster 200m/m

Thinning & Clean Up Water for clean-up. Thinning is not recommended.

Surface Prep & Application

All surfaces must be clean, dry and free from oil, grease, dirt, unsound paint, mould and all other contaminants. Cleaning methods include honing, chemical cleaning and water blasting.

Application quantity is dependent on the absorbance of the substrate and the desired penetration depth. Very absorbent substrates may require up to 1 Litre/m² of **Gecko CP**. To determine the exact amount to be applied a sample may assist as the porosities of mineral material substrates vary.

Notes:

1. Do not apply during strong wind or when rain is imminent.
2. 2 Wet on wet coats required. On vertical surfaces the solution should run down in visible descending wet curtain achieved by allowing the solution to flow against the surface of the building material without pressure.
3. Do not atomize CP or apply with a brush.
4. Be careful to apply continuously without a break to avoid overlapping.

Apply with low pressure spray with roller/brush to lay off, or Airless spray.

Bare Concrete, Concrete Block, Plaster, Brick

1. Ensure surface is dry, clean and free from any contaminants including dust.
2. Apply 2 flood coats of Gecko CP

Wet on Wet. If required, leave 5 days before overcoating with Gecko CC70

Performance & Limitations

Performance

- suited for the water repellent impregnation of porous, mineral surfaces
- penetrates deeply in porous, mineral substrates
- no visible formation of a film
- water vapour permeable
- reduces significantly the uptake of water

Limitations

- Should not be applied if temperatures are below 10°C or above 35°C. Maximum Relative Humidity 80%
- Dry time may be impeded if the relative humidity is high.
- Not suitable for surfaces subject to foot or vehicle traffic.
- Apply only to dry substrates and under good drying conditions, in order to achieve best transparency. Damp or not fully cured substrates can lead to defects in subsequent coats, such as blistering or cracks. Harmful weathering influences are, for instance, frost, rainfall or condensate, as well as forced drying by intense, direct solar radiation.

- A substrate which has already been treated will repeal any reapplied aqueous silane emulsion solution.
- Non-absorbent substrates such as window frames, window sills, plastic fittings, window glass, etc., should be covered before application. Surfaces which accidentally come into contact with **Gecko CP** can be cleaned with alcohol (spirit) or aqueous chemical solution. Cleaning should be carried out as quickly as possible (within a few hours), otherwise formation of a silicone resin film can make cleaning more difficult.

Health & Safety

Waterborne

Gecko CP is a waterbased non-toxic coating.

It is non-flammable and requires no special handling. We recommend the use of a barrier cream for hands when applying.

Transport	UN No. :	N/A
	Class :	N/A
	Hazchem :	N/A

Storage Avoid freezing or temperatures in excess of 50°C.

The information or data serves to ensure the product's intended purpose or its suitability for use and is based on our findings and experience. Nevertheless, users are responsible for establishing the suitability of the product for its intended use. Applications other than those explicitly mentioned in this technical data sheet are only permissible after prior consultation with Perfect Match Limited.

Where no approval is given, such applications are at the risk of the user. This applies in particular when the product is used in combination with other products. When a new technical data sheet is published, all previous technical data sheets are no longer valid. The latest version is available on the Internet at www.pmpaints.com.