

GS107P GREENSHIELD PRIMER

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WATER BASED ACRYLIC PRIMER

DESCRIPTION

Greenshield Primer is used as a primer, sealer and bonding agent to prepared floor surfaces prior to the application of waterproofing membrane & wall coating system

USES

Greenshield Primer is recommended for the following application:

- To prime and used as a bonding agent on smooth concrete finishes.

- To reduce dust and increase abrasion resistance of the substrate.
- To use as a pore sealer on rough porous concrete to eliminate air bubbles appearing.

ADVANTAGES

- The coating has good adhesion to most surfaces (concrete & brick wall).
- A thin liquid of brushing or spraying consistency.
- Long-lasting protection against algae, fungus and mould.
- Excellent dirt pick-up resistance.

PRODUCT PROPERTIES

Drying Time	: 20 min
Toxicity	: Non-Toxic
Appearance	: Milky White
Specific Gravity	: 1.02 kg/L
Flash Point	: Non Flammable
Coverage	: 8 to 10 m ² / L

APPLICATION INSTRUCTIONS

SURFACE PREPARATIONS

Surface preparations are required before using Greenshield Primer. All surfaces must be clean and free from laitance, dust, dirt, oil and grease.

APPLICATION METHOD

Greenshield Primer should be applied by brush, roller or spray.

- Thoroughly clean concrete surfaces free of oil, grease, paint and loose dust, mud and laitance and hose down concrete surfaces thoroughly.
- Greenshield Primer shall be applied at the rate 0.1litre/m² with a proper roller, brush or spray ensuring that all surface of the concrete surface is covered.
- When Greenshield Primer is reasonably dry and can accept foot traffic without lifting up of material when step on. This would at least be 3 to 4 hours after the application.
- Over the Greenshield Primer coating, apply Polydek or Greenshield 108 as a second & top coat at the rate of 0.3litre/m² on top.

- The freshly applied top coat of Polydek or Greenshield 108 shall be protected from direct rain, dirt, oil, grease or other loose particle for at least 12 hours.

For airless spray method:

- Tip orifice: 0.031"
- Atomizing pressure: 1000psi
- Fan Speed: 60°
- Pump: 3 litres per minute at 2000-2500psi
- Filter: remove filters and screens
- Nozzle type: Minimum 525

For brush method:

- Use on small or narrow areas.

MIXING

No mixing is required.

CURING

45 minutes (The coating should no longer be susceptible to airborne dust and will not run in the presence of 50% relative humidity at 24°C).

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CLEANING EQUIPMENT

Clean equipment with soapy water followed by rinsing with clean water. Flush mineral spirits through the spray equipment to prevent rust.

PACKAGING

- 20 litre pail & 5 litre pail

STORAGE AND SHELF LIFE

Greenshield Primer has a shelf life of 12 months. Keep containers tightly closed and away from ignition sources. Do not expose it to direct sunlight or leave it too long in the open air.

PRECAUTION

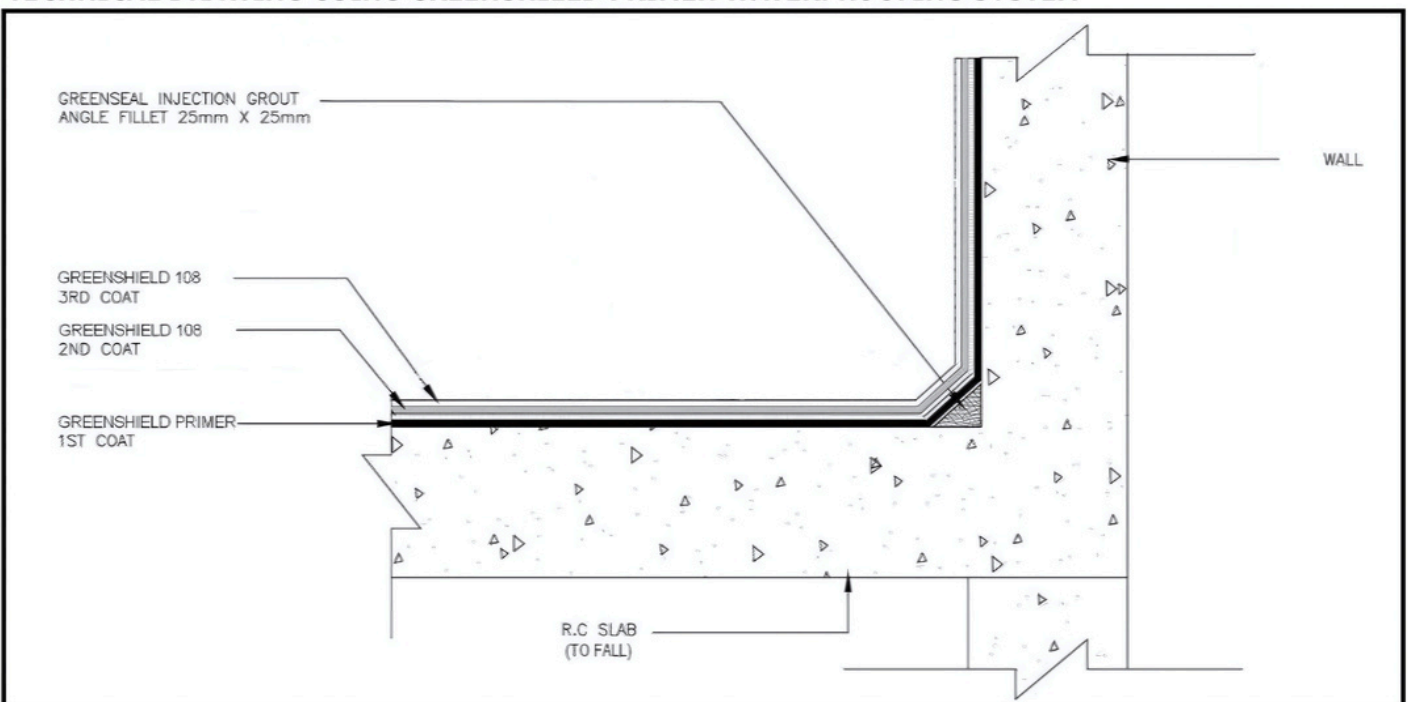
Do not apply Greenshield Primer if weather is imminent before the coat can dry thoroughly, or when temperature is expected to drop below 4°C.

Newly applied Greenshield Primer should be protected from rain, extreme heat and moisture during the first few hours.

HEALTH, SAFETY AND CLEANING

It is recommended that the applicator wears a safety goggles and gloves. Avoid prolonged contact with exposed skin and keep away from mouth and eyes. In case of skin contact, wash areas with soap and water. If contact with eyes, rinse thoroughly with clean water. Seek medical attention immediately if irritation persists.

TECHNICAL DRAWING USING GREENSHIELD PRIMER WATERPROOFING SYSTEM



Guarantee

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