PrimeLock™ Waterproofing & Moisture Barrier

A grey/white, acrylic-based, non-trafficable waterproofing, dampproofing and moisture barrier, ready to use from the container, developed for high performance undertile waterproofing. Suitable for use in wet areas. It can be used on substrates of concrete, renders and screeds, fibre-cement sheets, timber, wet area plasterboard and plywood.

FEATURES AND BENEFITS

- Ready-to-use waterproofing membrane for easy application directly from the container.
- Extremely flexible to cater for limited floor movement while absorbing vibration.
- Water-based (non-hazardous and non-flammable).
- Prevents surface water penetration when applied correctly.

PACKAGING

Available in 20kg and 10kg pails.

USES

- Waterproof terraces, balconies, concrete roofs and cement toppings.
- Provides a totally waterproof system for walls and floors in bathrooms and shower cubicles before laying ceramic tiles, natural stones and mosaics.
- Waterproof kitchen walls, floors and benchtops before laying timber, ceramic tiles and natural stones.

SURFACE PREPARATION

General

- All surfaces must be structurally sound and free from dirt, dust, laitance, grease, paint, wax, oil and any other loose contaminants.
- Prior to application, remove all sharp protrusions, which may pierce the membrane.
- Any gaps/voids in the substrate must be treated so the gap/void is fully supported and firmly filled out.

Concrete

- All new concrete slabs must be allowed to cure for at least 6 weeks.
- Old concrete must be cleaned with a strong commercial grade detergent or degreaser.
- Then thoroughly wash off all residues with clean water. Allow the surface to dry for at least 24 hours.
- If the concrete has a steel trowel or power float finish, it must be mechanically abraded to expose the aggregate.

Render

- New rendered surfaces must have a wood float finish and be allowed to cure for at least 7 days.

Building Boards

- Standard wall/floor building boards must be firmly fixed. Such boards include fibred cement sheeting, marine grade ply and wet area composition board.
- Screw or nail heads must be sealed with epoxy.
- All sheeting joints need to be covered with 50mm wide polyethylene/polypropylene tape.

APPLICATION

- Use a thick brush or roller to apply one coat of PrimeLock on the area to be sealed.
- Place pre-cut, manageable lengths of fiberglass matting and roll immediately into the wet PrimeLock.
- Allow to dry for approximately 4 hours at 20°C.
- Apply a second coat over the fiberglass mat ensuring that the entire fiberglass is covered. Allow to dry for 4 hours.
- Apply a third coat of PrimeLock at a 90° angle to the previous coat and allow drying for 24 hours at 20°C.
- If necessary apply a fourth coat. Always ensure that no pinholes are left on the surface.

NOTES

- When used on an external deck, a mortar coving is recommended at the turn up where all vertical walls meet the deck. Take the reinforced membrane above the top edge of the coving. Always ensure the membrane is pushed into all corners completely.
- At temperatures below 20°C both the drying and curing time of PrimeLock will be increased. At temperatures above 20°C, both the drying and curing time of PrimeLock will be reduced.
- If pond testing is required, ensure the membrane is allowed to cure for a minimum of 7 days before pond testing.
- Used to protect concrete surfaces, plasters and cement-based alums, and provide waterproofing according to its waterproofing and protection features.

CONSUMPTION

When used with fiberglass reinforcing:

- 20kg of PrimeLock will cover approx 9m² (2 coats).
- Apply 1.5kg/m² for first coat of PrimeLock.
- Apply reinforced woven-mat for second layer, and use a roller to apply around 1.0kg/m² of PrimeLock.
- After two coats have cured, if necessary, apply a third coat.
- These coverage rates are dependent on site conditions.

STORAGE

Up to 12 months in unopened drums, stored in an elevated, cool dry place.

CAUTION

- Do not allow the product to freeze.
- Do not apply if the temperature is in excess of 40°C or less than 5°C.
- Do not thin; it is supplied ready for use.
- Do not add sand to PrimeLock as this will reduce flexibility and can cause cracking.
- Do not apply PrimeLock too thickly in wall and floor junctions as it reduces the flexibility of the product.
- Do not use where negative hydrostatic pressure is evident (e.g., rising damp), as it affects the bond of PrimeLock.
- Contact our office for product recommendation in areas where negative hydrostatic pressure exists.
- Ensure the membrane is not covered by tiles or other materials for at least 24 hours after the application of the final coat to allow the membrane to cure. If used in confined areas or in unfavorable weather, effective drying will take longer.
- Layer thickness should not exceed 5 mm with brush applications.
- Product is not recommended for use in areas of permanent water immersion like swimming pools, spas etc. In these cases, it should be used under tiles or leveling mortars.

TECHNICAL INFORMATION

Technical Information	
Shore A hardness (±5)	85
Tensile strength, psi (±25) ASTM C-190	220
Elongation at Break %	304
Minimum recovery %	98
Weather meter	No cracking
Fungus and Mildew resistance	Film totally absent of growth after testing
Solids Content by weight	44–54% ± 1 varies by base
Solids Content by volume	32–42% ± 1 varies by base

For further information consult our Technical Department.

LevelCore 10-Year System Warranty

Summary of Accredited Installer and warranty compliance requirements.

Warranty eligibility (all conditions must be met)

- **Installed by a LevelCore Accredited Installer.**
- **Installation is recorded** with all required QA documentation.
- Substrate preparation, ambient conditions, mixing, and application follow the relevant TDS **strictly**.
- **Full LevelCore system used from substrate preparation onwards.** Mixing brands or using non-LevelCore primers, waterproofing, levellers, hardeners, sealers or accessories voids warranty.

Quality assurance record keeping (required on every project)

- Site address and client name
- Installer accreditation number
- Batch number(s) of LevelCore product(s) used
- Pre-install photos showing substrate condition
- Ambient conditions (temperature and humidity)
- Mixing ratio and application thickness
- In-progress photos at each stage
- Post-installation photos within 48 hours
- Client sign-off (required for installations ≥ 99 m²)

Submission timeline

All QA forms and media must be submitted within **5 working days** of installation via the LevelCore Portal or by email to **warranty@levelcore.com.au**.

Warranty voiding events

- Use of unapproved installers (non-accredited)
- Improper surface preparation
- Non-compliance with recommended curing times or mix ratios
- Use of non-LevelCore products within the specified system from the substrate up
- Failure to record and submit the required QA documentation

Accredited Installer program (overview)

- Complete LevelCore Installation Training (online + onsite practical)
- Understand the specific product Technical Data Sheets (TDS)
- Submit relevant qualifications and insurances
- Agree to the LevelCore Installer Code of Conduct
- Complete a minimum of 2 supervised installations
- Receive an accreditation certificate valid for 12 months (renewal requires project summaries and refresher modules)

Support and contacts

Warranty: warranty@levelcore.com.au | **Phone:** 1800 717 398
Website: www.levelcore.com.au

This summary forms part of the Warranty Terms & Conditions and is binding on all Accredited Installers.