THE LAB®

Chemicals & Coatings

Technical and Material Safety Data Sheet

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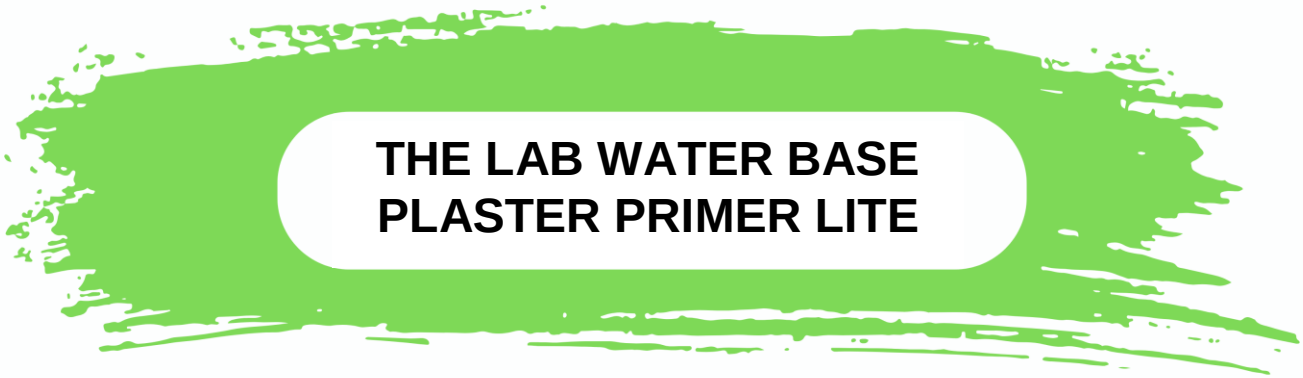

THE LAB WATER BASE PLASTER PRIMER LITE
Product Family: Primers (Water-Based Masonry Primer)

Typical System Guidance

Typical decorative masonry coating system

1. Inspect the substrate to ensure it is sound, clean and fully cured.
2. Remove dust, dirt, grease, laitance, loose material and all contaminants.
3. Repair cracks, holes and surface defects using an appropriate THE LAB repair compound.
4. Apply one full coat of **THE LAB WB PLASTER PRIMER LITE**.
5. Allow the primer to dry completely.
6. Apply the selected The Lab decorative or protective coating system.
7. Apply additional primer only where highly porous substrates require further sealing.

Always use the appropriate The Lab coating system for the intended service environment.

Product Description

THE LAB WB PLASTER PRIMER LITE is a premium water-based masonry primer formulated to seal, stabilise and improve adhesion on porous mineral substrates. It penetrates cementitious surfaces, binds friable material and promotes uniform absorption, creating the ideal foundation for subsequent decorative and protective coating systems.

The product is suitable for both interior and exterior applications on cement plaster, concrete, brickwork, gypsum plaster, fibre cement and various building boards. It improves topcoat adhesion,

reduces uneven substrate absorption and provides excellent compatibility with both water-based and solvent-based finishing systems.

Technical Data Summary

Property	Typical Value
Product Type	Water-Based Masonry Primer
Binder Type	Synthetic Copolymer
Colour	White
Finish	Matt
Solids by Mass	Approx. 60%
Solids by Volume	Approx. 34%
Specific Gravity	Approx. 1.24
Viscosity	65–75 KU @ 23°C
Flash Point	37°C
Coverage	Approximately 8.5 m²/L per coat*
Recommended Coats	1 coat (additional coat on highly porous surfaces where required)
Recommended DFT	35–45 µm
Touch Dry	Approximately 4 hours @ 23°C
Recoat Time	Approximately 16 hours @ 23°C
Application Temperature	10°C–40°C
Relative Humidity	Maximum 85%
Application Methods	Brush, Roller or Spray
Clean Up	Clean water
Packaging	1L, 5L and 20L

*Coverage will vary depending on substrate porosity, profile and application method.

Intended Uses

THE LAB WB PLASTER PRIMER LITE is recommended for:

- Interior and exterior cement plaster
- Concrete
- Brickwork
- Gypsum plaster
- Fibre cement
- Paper-faced building boards
- Softboard
- Porous masonry
- New mineral substrates
- Previously painted surfaces after suitable preparation

- Sealing porous and friable cementitious surfaces before decorative coatings

Principal Characteristics

- Excellent adhesion to masonry substrates
- Seals porous and absorbent surfaces
- Reduces uneven substrate absorption
- Compatible with both water-based and solvent-based topcoats
- Excellent penetration into porous substrates
- Easy brush, roller or spray application
- Low odour, water-based formulation
- Suitable for interior and exterior use
- Provides a stable foundation for decorative coating systems
- Improves overall coating durability

Limitations

THE LAB WB PLASTER PRIMER LITE is **not recommended**:

- For application to uncured plaster or concrete.
- On substrates with excessive moisture.
- As a primer for alkali-sensitive colours on highly alkaline substrates.
- Where continuous water immersion is expected.
- During rain or when rain is imminent.
- At temperatures below 10°C or above 40°C.
- Where relative humidity exceeds approximately 85%.

New cement plaster should cure for a minimum of **28 days** before priming, and the primer should be overcoated within **48 hours** to maintain optimum intercoat adhesion.

Surface Preparation

All substrates must be clean, dry and structurally sound before application.

Remove grease, oil, dirt, dust, loose material, laitance and all contaminants that may impair adhesion.

New Work

- Remove contaminants using THE LAB BIO-WASH or an approved sugar soap solution.
- Repair surface defects using an appropriate THE LAB repair compound.
- Ensure cementitious substrates have cured for at least 28 days before priming.

Previously Painted Surfaces

Surfaces in good condition should be cleaned thoroughly and lightly abraded where necessary.

Loose, flaking or poorly adhered coatings must be completely removed. Chalked exterior surfaces should be thoroughly brushed and washed before priming.

Application Guidelines

Prior to application:

- Inspect packaging and ensure containers are unopened and within shelf life.
- Stir thoroughly before and during use.
- Confirm substrate moisture and environmental conditions are suitable.
- Conduct a small test area where compatibility is uncertain.

Apply one uniform coat by brush, roller or spray.

The product is supplied ready for use for brush and roller application.

Where spray application is required on dense or non-porous substrates, thinning with clean water may be undertaken only where necessary to achieve suitable atomisation.

Maintain the recommended spreading rate to achieve the specified dry film thickness.

Do not apply:

- Below 10°C.
- Above 40°C.
- During rain or heavy mist.
- Onto damp substrates.
- When relative humidity exceeds approximately 85%.

Storage

Store in tightly sealed original containers in a cool, dry and well-ventilated area.

Protect from direct sunlight, frost and excessive heat.

Do not allow containers to remain open after use.

Rotate stock on a first-in, first-out basis.

THE LAB°

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ENGINEERED FOR PERFORMANCE. BUILT TO LAST.

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Superior protection against harsh weather conditions.

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Beautiful, durable finishes for interior and exterior walls.

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The perfect foundation for lasting adhesion and performance.

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Clean, prepare and ensure maximum adhesion.

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Specialised solutions for the toughest protection needs.

Technical Advisory, Specification Support and Disclaimer

The technical information, recommendations, specifications and system guidance contained in this document are provided in good faith and are based on laboratory testing, field experience and current product knowledge available at the date of publication. Such information is intended solely to assist specifiers, contractors, applicators and end users in selecting and applying suitable coating systems and does not relieve any party from independently assessing product suitability for the intended application and site conditions.

The performance of any coating system is materially dependent upon factors beyond the control of The Lab Chemicals & Coatings, including but not limited to correct substrate assessment, cleaning and decontamination procedures, surface preparation, substrate condition, moisture content, environmental conditions, product storage and handling, mixing procedures where applicable, film thickness achievement, adherence to specified system build requirements, application techniques and ongoing maintenance practices.

Failure to strictly follow the instructions, specifications, limitations and recommendations contained within this Technical Data Sheet, associated specifications, written recommendations or supplementary documentation may adversely affect product performance and may invalidate performance expectations, warranties or related claims.

Users are strongly advised to conduct suitability trials and test applications under actual site conditions prior to full-scale application.

To the best of our knowledge, the information contained herein is true and accurate at the date of issue and remains subject to change without prior notice. Users are advised to contact The Lab Chemicals & Coatings prior to specification or ordering to ensure that the correct product and system are selected for the intended application.

No guarantee, representation or warranty is given or implied regarding the completeness or suitability of information contained herein. Technical recommendations and advice do not constitute a performance guarantee unless expressly confirmed in writing by an authorised representative of The Lab Chemicals & Coatings.

The Lab Chemicals & Coatings accepts no responsibility or liability for product failure, defects, damage, consequential losses, injuries or unsatisfactory performance arising from incorrect substrate preparation, unsuitable application conditions, deviation from specified system requirements, misuse, unauthorised product modification, incorrect application methods or use outside documented recommendations. Liability, if any, shall be limited solely to replacement of proven defective product.

The above information must be read in conjunction with the General Terms and Conditions of The Lab Chemicals & Coatings (Pty) Ltd and The Lab George (Pty) Ltd, available at: www.thelabcc.co.za or upon request.

Material Safety Data

SECTION 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION
CAS no. : N/A
EC no. : N/A
UN No. : 1263 SAPMA: 4-H-C
In emergency contact: The Lab Chemicals & Coatings @ 0845071767

SECTION 2. COMPOSITION/INFORMATION ON INGREDIENTS
EC Classification: Not classified as hazardous
No significant quantity of classified hazardous substances present.
(CL/RL = Controlled/Recommended level 'S' = Skin annotation)

SECTION 3. HAZARDS IDENTIFICATION
SAPMA Health Rating: 4-MINIMAL - No great risk to health
Inhalation: Avoid exposure to vapours, fumes and mists.
Skin: No hazard expected if used in moderation.
Eyes: No direct hazard is expected but possible contact with any chemical must always be avoided.
Ingestion: Irritating and nauseating.
No carcinogenic, mutagenic or genetic effects established
May have short term environmental effects. Contain, monitor & remove.

SECTION 4. FIRST AID MEASURES
Inhalation: Move to fresh air.
Skin: Always wash after handling chemical substances.
Eyes: In case of any contact and discomfort rinse well with water and seek medical advice.
Ingestion: Wash mouth with plenty of water. Do NOT induce vomiting. Seek medical attention.

SECTION 5. FIRE FIGHTING MEASURES
Dried residues - combustible with toxic fumes.
No direct explosion hazard expected.

SECTION 6. ACCIDENTAL RELEASE MEASURES - SEE ALSO SECTIONS 5, 8, 13
Contain & collect. Keep out of drains and sewers

SECTION 7. HANDLING AND STORAGE
Store separately from any reactive substances - oxidisers in particular.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION
SAPMA Rating: 4-H-C PPE: Eye protection
Inhalation: In case of insufficient ventilation, use suitable respiratory protection.
Skin: Use only as directed.
Eyes: Avoid direct contact. Never touch eyes with dirty hands or gloves.
Ingestion: Observe the rules for hygiene. Wash before eating, drinking or smoking.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES
Chemical class: Non-hazardous material Description: Viscous liquid Smell: Pungent
FlashPoint (C): N/A

SECTION 10. STABILITY AND REACTIVITY
Stable under normal conditions
Inert - no reaction with fire-fighting water

SECTION 11. TOXICOLOGICAL INFORMATION
No carcinogenic, mutagenic or genetic effects established

SECTION 12. ECOLOGICAL INFORMATION
May have short term environmental effects. Contain, monitor & remove.

SECTION 13. DISPOSAL INFORMATION
Use reputable waste disposal contractors. Exercise caution in disposal of used containers.

SECTION 14. TRANSPORT INFORMATION
Not classified as dangerous for transport

SECTION 15. REGULATORY INFORMATION
EC no. : N/A
EC Classification: Not classified as hazardous
S2 - Keep out of reach of children. (Retail sales items)

SECTION 16. OTHER INFORMATION
IN CASE OF ANY DISCOMFORT ALWAYS SEEK MEDICAL ADVICE.

This MSDS conforms to General Administrative Regulations of 6 Sept.1996 (ISO-11014/ANSIZ400.1.1996)
OELs derived from OHS Act Regulations for Dangerous Chemical Substances of 25 Aug.1995 (EH-42)
SAPMA Rating - South African Paint Manufacturers Association Guide to Health Hazards (SABS ARP 006:1991) all information is given in good faith but without guarantee in respect of accuracy. No responsibility is accepted for errors or omissions or the consequences thereof.