

THE LAB[®]

Chemicals & Coatings

-BIO-SMARTWALL-

TECHNICAL AND MATERIAL SAFETY DATA SHEET

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SUPPLIER IDENTIFICATION AND INFORMATION

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THE LAB BIO-SMARTWALL

Extremely durable, washable, hygienic coating for interior & exterior use.

Description

THE LAB BIO-SMARTWALL is a hygienic coating with an attractive low sheen finish. It has exceptional exterior durability and is alkali, mold, and water resistant. A unique formulation that protects exterior walls by inhibiting the growth of mold and fungus, plus delivers superior dirt resistance.

Uses

For application to suitably primed new and previously painted plaster, concrete, wood, various building boards and to suitably primed mild steel, galvanised steel, and gypsum plaster.

Properties

Colour:	Selected Range of NCS Colours
Gloss Level:	Satin
Application Method:	Brush, Roller or Spray
Drying times:	(25°C, 50% RH)
Touch Dry:	30 minutes
Re-Coat:	2 hours
Flammability:	Non-Flammable
Viscosity:	125 – 140 KU+
Spread Rate:	6-8 m ² /l per coat
	This serves as a guide only
Clean-Up:	Water

Maintenance

No special requirements. Any damage identified during normal inspections should be repaired or replaced as required.

Application instructions

Surface preparation

Ensure that surfaces are dry, sound, and free from dust, dirt, grease and oil before painting.

New Work

Cement plaster, concrete, and unglazed brickwork:

Ensure that concrete has dried for at least four weeks and other masonry surfaces two weeks before painting. Remove any loose particles and laitance by most suitable means. Remove any oil, grease, and mold release agents with THE LAB BIO-WASH. Rinse thoroughly. Soft, under bound, friable and highly porous surfaces must be restored to a sound condition with THE LAB BIO-BOND / THE LAB ARP primer. (Consult sales agent)

Fibre-cement

Remove any loose particles and laitance by most suitable means. Apply 1 coat of THE LAB BIO-BOND

Allow to dry. THE LAB BIO-BOND must be over-coated within 48 hours after application.

Gypsum plaster (e.g. Rhinolite, Crestone):

Apply one coat of THE LAB WB ARP PRIMER only. If a gypsum plaster has been used as the joint skimming filler on gypsum board or drywall partitioning, then these areas must be sealed with THE LAB WB ARP PRIMER only.

Wood

Sand smooth with 150 grit paper working in the direction of the grain. Dust off. Seal knots and resinous areas with a Wood Sealer. Prime exterior wood with wood primer.

Mild steel

Clean with THE LAB BIO-WASH. Rinse thoroughly with water. Remove any rust by coarse sanding or mechanical grinding. Prime general surfaces the same day with THE LAB RUST for structural steelwork.

Galvanised steel

Clean with THE LAB BIO-WASH followed with clean water t Rinse thoroughly with water to achieve a water break-free surface. . Prime the same day with THE LAB RUST.

PVC gutters and down pipes

Clean and sand lightly. Prime with THE LAB ARP PRIMER.

Previously Painted Surfaces

Previously painted surfaces in good condition: Remove loose and flaking paint back to a sound substrate and a firm edge by scraping and sanding. Spot prime bare areas with appropriate primer. Clean with THE LAB BIO-WASH solution to remove all contaminants and chalked material. Rinse with clean water to remove all traces of THE LAB BIO-WASH. Alternatively, clean with high pressure water jet. Sand glossy enamel surfaces to a matt finish to aid adhesion.

THE LAB BIO-SMARTWALL

Chalky surfaces: Remove completely by scraping, wire brushing, sandpapering, etc. to expose the underlying substrate. Apply THE LAB ARP PRIMER.

Previously painted surfaces in poor condition: Completely remove paint by most appropriate means. Treat as for new work.

FILLING: Fill defects with POLYFILLA INTERIOR or EXTERIOR as appropriate. Seal POLYFILLA EXTERIOR with THE LAB ARP PRIMER. Fill wood with a wood putty and seal with THE LAB ARP PRIMER.

Application

Apply two or three coats to correctly primed surfaces to achieve complete coverage. Apply at recommended spreading rate.

Mixing: Stir thoroughly with a flat paddle until homogeneous.

Method: Brush, roller or airless spray.

Thinning: Not recommended - Ready for use.

Cleaning: Water.

Cautions

When applying tinted colours to masonry surfaces, prime with the recommended primer – THE LAB ARP PRIMER

Metal surfaces must be primed as recommended (THE LAB RUST). Avoid painting during inclement weather or if temperature is below 10 °C. To ensure that colours on a project are consistent check that batch numbers are the same.

Safety Precautions

Keep out of reach of children. Ensure good ventilation during application and drying. In case of skin contact, wash with soap and water or a recognized skin cleaner. Avoid contact with eyes – In case of contact, rinse eyes immediately with plenty of water and seek medical advice if symptoms persist. Harmful if swallowed. Do not induce vomiting. Seek medical attention.

THE LAB BIO-SMARTWALL

MATERIAL SAFETY DATA SHEET



SECTION 1. IDENTIFICATION OF THE SUBSTANCE/ PREPARATION Name : THE LAB BIO-SMARTWALL

Date Issued : 02/04/2021

CAS no. : n/a EC no. : n/a

UN No. : 1263 SAPMA : 4-H-C

In emergency contact THE LAB, Cape Town

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. HAZARD 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.



MATERIAL SAFETY DATA SHEET

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 with 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.

Note:

- The recommendations contained in these data sheets are based on results obtained from tests and experience. It is believed to be reliable but is given as a guide only.
- No guarantee is implied by the recommendations contained herein since conditions of use, method of application and preparation of the substrate prior to painting are beyond our control.
- Our technical section should be contacted to clarify recommendations and specifications for projects, either of a specific or general nature.