

LAMININ

Technical data sheet

Apr 2026/Is/Rev1

EnviroSilk®

Hygienic sheen



LAMININ COATINGS (PTY) LTD • Reg No 2012/103111/07

109 FRITZ STOCKENSTROM ST | NEW EAST END | BLOEMFONTEIN 9301

SABS
ISO 9001



www.laminincoatings.co.za



SINCE 1981



Technical data sheet

Product code: LES001

GENERAL PREPARATIONS

Colour: White, Pastel, Deep, Clear

Shelf life: 12 Months
Packaging: 1ℓ, 5ℓ, 20ℓ
Storage conditions: Store in a cool/dry place
Stirring method: Stir with a flat paddle

Flashpoint: **Non-flammable**

Viscosity: 100 – 105 KU (at 23°C)
Specific weight: 1.30 – 1.35
Solids per volume: 35– 40 % (Approx.)
Solids per mass: 50 – 52 % (Approx.)
Spreading rate: 10m²/1ℓ/coat
Depending on porosity,
surface conditions and
application equipment
Dry film thickness 35-40µm (Recommended)
Wet film thickness 100µm
VOC level <1g/1ℓ
White (Zero VOC)

VOC Level will increase if not tinted with glycol free colourants.

Recommended coats: 2

Drying time: Touch Dry: 30min @ 23°C
Dry to handle: 2h @ 23°C
Over coating: Minimum 2 hours @ 23°C

Application: Brush, roller and airless spray

Cleaning: Water

Scrubs: >10 000

- All surfaces must be clean, sound & dry.
- Remove all loose flakes and apply **PlasterSeal** or **PlasterPrime** to obtain a stable surface.
- Smooth out plaster imperfections with **Skim**.
- Repair plaster cracks with premixed **Fill** or tile cement / plaster mix & **HydroKey**, diluted 50% with water.
- To stabilise chalky surfaces, apply **PlasterSeal** or **PlasterPrime**.
- Previously painted sound surfaces can be washed with sugar soap and rinsed thoroughly with clean water.
- To ease application, sand previously painted stable surfaces.
- Sand and remove varnish to bare surface.
- For water damaged, porous and alkaline surfaces, apply **PlasterPrime** or **DampCure** to stabilise surface.
- Seal parapets in a criss cross pattern with fibre reinforced **HydroFlex** or **WaterProof**.
- Do not wash or abrade newly painted surfaces until properly cured.
- Allow 7 days for paint to dry properly and 30 days to reach full strength.
- Store in a cool, dry place.
- Complies with the South African Legal lead limit of 90ppm or less.

FEATURES

- Hydrophobic and flexible smooth low sheen coating for exterior use.
- UV resistant and weatherproof with mould and fungal protection for long term durability.
- Fully washable with excellent flow and levelling for interior use.
- Virtually odourless and low VOC for ease of application.
- Provides elevating cleanliness and freshness with long-term, broad spectrum anti-bacterial protection.
- Silver technology inhibits microbial growth.
- Lifetime guarantee on interior walls.

WHERE TO USE

- Walls & ceilings: suitably primed new and previously painted stable cement plaster, concrete, porous brickwork, various types of building boards, wood, galvanised steel, fibre-cement and gypsum plaster.
- Specially formulated for areas where long-lasting cleanliness and freshness is required i.e. children's rooms, hospitals, etc.





Technical data sheet

PRECAUTIONS

- Avoid painting in moist/humid conditions. To allow applied paint to cure, there should be no rain forecast for at least 7 days.
- Do not paint over surfaces with moisture content above 15% measured with an ultrasonic meter or over 5% with a pin type meter.
- Stir paint well with a flat paddle.
- Ideal application conditions and surface temperature should be between: 10°C - 35°C with a relative humidity of less than 75%. It is not recommended to paint in direct sunlight as this will result in the paint drying too fast leading to visible "lap-marks". Windy conditions might have a similar effect and can cause a deposit of dust particles on the wet paint.
- To ensure colour- and sheen level consistency, purchase from the same production batch of paint. Touch-ups are not recommended.
- Tint bases contain fewer litres than advertised until tinted.
- Spreading rates are theoretical and based on smooth / flat surfaces.
- Do not wash or abrade newly painted surfaces until properly cured.
- Allow 7 days for paint to dry properly and 30 days to reach full strength.
- Store paint in a cool, dry place.
- Complies with the South African legal lead limit of 90ppm or less.

COLOUR SELECTION

- Colours tinted that fall outside of Laminin Largo's formal tinting system may have risks regarding poor opacity, early fading, UV resistance, over and under tinting or alkaline attack. Please consult an official Laminin agent for advice.
- Do not alter factory standard colours as this will compromise the products longevity i.e. fading, UV and alkaline resistance, colour consistency and opacity.
- Bright colours plays an important role in colour selection, even though Laminin only makes use of lightfast pigments certain bright colours have a natural tendency for poorer opacity and UV resistance and might be more prone to alkaline attack. Please consult an official Laminin agent for the best possible advice.
- Colour variations due to efflorescence (White salty deposits) (alkaline burn or attack) will not be covered under early fading or product failure.
- The colour, white, may require a 3rd topcoat to achieve opacity and full obliteration.





Technical data sheet

HEALTH AND SAFETY

- Keep out of children's reach.
- Do not eat, drink or smoke during any application.
- Ensure appropriate ventilation during application and drying.
- Harmful if swallowed.
- Wear protective equipment during preparation, application and cleaning.
- Avoid contact with eyes. In case of contact, seek medical advice.
- Avoid contact with skin. In case of contact, clean with water.
- If skin irritation occurs, seek medical advice.

QUALITY GUARANTEE

15 Years.

Lifetime guarantee on interior walls.

To VALIDATE quality guarantee, please register via our website or through your nearest distributor.

Terms and conditions apply – please consult the webpage for further information: www.laminincoatings.co.za.

DISCLAIMER

- * Specifications and recommendations are given in good faith and are meant to be used as guideline.
- * All information is based on results obtained from our tests done and experience gained over time.
- * Application method and - equipment, condition of substrate and - during application, will have an influence on results.
- * This is beyond the manufacturer's control.
- * As technology may change over time, please ensure the use of the latest Technical Data Sheet.
- * All information listed is owned or used under licence of Laminin Coatings (Pty) Ltd and its related affiliates. © 2013 Laminin Coatings (Pty) Ltd. All rights reserved.

