LAMININ

Technical data sheet

Nov 2024/ls

X-Link

Single pack UV resistant epoxy

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

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Product code:	LXL001
Colour:	Clear Gloss / Satin
Shelf life:	12 Months
Packaging:	1ℓ, 5ℓ
Storage conditions:	Store in a cool/dry place
Stirring method:	Stir with a flat paddle
Flashpoint:	**Flammable**
Viscosity:	40 – 45 KU (at 23°C)
Specific weight:	0.90– 0.95
Solids per volume:	20 – 30 % (Approx.)
Solids per mass:	30 – 35 % (Approx.)
Spreading rate:	10 - 16m²/1ℓ/coat Depending on porosity, surface conditions and application equipment
Dry film thickness	25µm (Recommended)
Wet film thickness	100µ - 125m
Recommended coats:	2 - 3
Drying time:	Touch Dry: 4h @ 23°C Dry to handle: 12h @ 23°C
Over coating:	Minimum 2 hours @ 23°C Maximum 4 hours @ 23°C
Application:	Brush, roller and airless spray
Cleaning:	Thinners

GENERAL PREPARATIONS

- All surfaces must be clean, sound & dry.
- Remove all loose flakes and apply **PlasterPrime** to obtain a stable surface.
- Repair cracks with pre-mixed **Fill** or tile cement & **HydroKey** mixture.
- Smooth out imperfections with **Skim**.
- To stabilise porous, chalky or alkaline surfaces, apply **PlasterPrime**.
- For water damaged surfaces, apply **PlasterPrime** or **DampCure.**
- Previously painted sound surfaces can be washed with sugar soap and rinsed thoroughly with clean water.
- Remove rust from mild steel substrates. If rust cannot be removed completely, spot prime with a rust converter before applying **MSPrime**.
- Apply **WoodPrime** to all new or weathered wood surfaces before recoating.
- To improve adhesion, sand previously painted stable surfaces and apply **Universal UnderCoat**.

FEATURES

- **X-Link** is a single pack moisture curing cross-linking non-yellowing aliphatic polyurethane based coating that is highly durable for heavy duty areas that can be used on both interior and exterior surfaces. It has been formulated for direct application to properly prepared surfaces.

WHERE TO USE

- Interior / exterior concrete and wooden floors.
- Interior / exterior walls as an anti-graffiti coating.

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PRECAUTIONS

- Do not paint in moist/humid conditions.
- For paint to cure, avoid exposure to water 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 rate is theoretical and based on a smooth and non-porous surface.
- 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.

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 appropriate solvent.
- If skin irritation occurs, seek medical advice.

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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.

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