



TECHNICAL DATA SHEET
LAMINANT SEAL-200N

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DESCRIPTION

LAMINANT SEAL-200N is a cutting-edge, lithium-based hardener and densifier formulated for concrete, marble, granite, and other stone surfaces. Part of Lisa's Lithium-Based Densifying System, this product is designed to enhance surface durability, increase hardness, and resist abrasion. Unlike traditional sodium or potassium silicate treatments, LAMINANT SEAL-200N uses lithium silicate technology that deeply penetrates the surface, reacting with calcium hydroxide to form a durable and insoluble calcium silicate hydrate. This results in a stronger, denser surface that is resistant to dusting, staining, and abrasion, improving the overall appearance and performance of concrete and stone floors. The product is ideal for new concrete floors, as well as for rejuvenating older surfaces that are starting to degrade. It improves water resistance and prevents alkali-silica reaction (ASR), offering an advanced solution for both new construction and maintenance of existing floors. The quick-curing formula reduces downtime, allowing surfaces to be put into service shortly after application.

Key Features & Advantages:

- **Durability:** LAMINANT SEAL-200N outlasts sodium or potassium densifiers, creating a permanent impregnation within the surface, making it resistant to water damage, abrasion, and dusting.
- **Surface Protection:** Reinforces concrete and stone by reducing damage from water, dusting, and surface abrasion, and makes maintenance easier.
- **UV Stable & Non-Yellowing:** The product does not yellow, peel, or flake over time, even under UV exposure.
- **Alkali Silicate Reaction (ASR) Reduction:** The high lithium content prevents surface crazing and damage from ASR, making it ideal for long-term floor health.

- **Reduces Tire Marks:** By smoothing the surface, LAMINANT SEAL-200N minimizes abrasion from tires and reduces tire marks, maintaining the aesthetic quality of the surface.
- **Improves Old Floors:** Ideal for rejuvenating old concrete floors, correcting issues such as delamination and surface stress, and improving overall floor strength.
- **Minimal Downtime:** Cures quickly, allowing floors to be put into service immediately, even during ongoing operations.

TECHNICAL PROPERTIES

Technical Data	
FORM	Clear water-liked liquid
SPECIFIC GRAVITY	1.05
ACTIVE CONTENT	6.0%
TOTAL SOLIDS	6.0%
pH	11.0
WT/GAL	8.6lbs
FLASH POINT	Non Flammable
FREEZE POINT	0
VOC CONTENT	<20g/L
SHELF LIFE	2 years in unopened, factory sealed container

APPLICATION INSTRUCTION

Surface Preparation: Ensure surfaces are clean, dry, and free of standing water or contaminants. Test absorbency by spraying water on the surface; if the surface doesn't wet uniformly, pre-treat with a suitable cleaner.

Application Method: Use a low-pressure sprayer and soft-bristled broom or microfiber pad to apply the product. Apply uniformly to ensure full coverage.

Drying Time: Allow the surface to dry for 30 minutes to 1 hour, depending on weather conditions.

Maintenance: For regular cleaning, use non-acidic cleaners. For surface shine and increased durability, periodically dry-buff with a high-speed burnisher fitted with LAMINANT SEAL-200N burnishing pads.

COVERAGE RATES

COVERAGE RATES Freshly Placed, Uncured Concrete: 12.5-20 m²/L (500-800 ft²/US gal)

Cured Concrete: 10-17 m²/L (400-700 ft²/US gal)

Cured, Ground/Honed Concrete: 10-15 m²/L (400-600 ft²/US gal)

LIMITATIONS

LAMINANT SEAL-200N will not repair damaged surfaces or cracks.
Not suitable for plastic concrete, mortar, resin-based terrazzo mixes, or painted/asphaltic/non-cementitious surfaces.

SAFETY INFORMATION

- Ingestion: Drink plenty of water or milk. Do not induce vomiting. Seek medical attention immediately.
- Eye Contact: Rinse eyes immediately for 15 minutes with running water. Seek medical attention.
- Skin Contact: Wash affected area with soap and water. Seek medical attention if irritation persists.
- Inhalation: Remove person to fresh air and rinse mouth/nasal passages with water. Seek medical attention if breathing problems continue.

STORAGE AND HANDLING

- Store between 4°C (40°F) and 38°C (100°F). Protect from freezing and extreme temperatures.
- Keep containers sealed and upright to maintain shelf life.
- Dispose of unused product and containers according to local regulations.

PACKAGING Available in 1L, 5L, and 20L containers.

TECHNICAL SUPPORT

Manufactured By Industrial 9-Warehouse, Behind Shirawi Enterprise, Ras Al Khor Industrial Area 2, Dubai, UAE

India Facility: 1025/1/A, Babla Compound, Gaibi Nagar, Kalyan Road, Bhiwandi, Maharashtra – 421302

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