

1K PrimeSeal

Laykold's 1K PrimeSeal is an advanced concrete primer developed to solve the growing challenges associated with modern L1 concrete mixes. As concrete formulations evolve—with higher pH levels, increased limestone content, and surface inconsistencies—PrimeSeal provides a reliable solution that stabilizes the substrate and ensures long-term system performance.

PrimeSeal mitigates two major issues on new slabs: elevated pH and limestone dusting. By creating a controlled, uniform barrier on the concrete surface, the primer locks down fines, reduces dusting, and neutralizes conditions that can undermine adhesion or cause coating failure. This results in stronger bonding and a more predictable, higher-quality installation.

Engineered for efficiency, Laykold's 1K PrimeSeal is a single-component, water-based formula requiring no mixing and no pot life limitations—simplifying jobsite logistics. The product's milky-white consistency provides excellent wetting properties, allowing it to penetrate and seal the concrete surface. It is applied by squeegee at 1 gallon per 200 sq ft (needs two applications) and packaged in five-gallon pails for easy handling.

PrimeSeal is compatible with common preparation methods, including shot blasting to a CP3 profile or medium broom finishes followed by acid etching. This versatility integrates seamlessly into a wide range of installation workflows.

Once applied, the coating becomes tack-free in approximately 20 to 60 minutes, depending on temperature, humidity, and airflow. This quick dry time supports efficient sequencing and faster progress through the full Laykold system.

With its combination of simplicity, reliability, and substrate protection, Laykold's 1K PrimeSeal sets a new standard for priming L1 concrete surfaces—ensuring enhanced adhesion, improved durability, and long-term system integrity.



TECH HUB

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