



# LEVEL PRO

## TECHNICAL DATA SHEET



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## PRODUCT DESCRIPTION

LEVEL PRO - the high-performance self-leveling underlayment that will transform your flooring projects. LEVEL PRO is formulated with high-quality polymers for superior strength and durability, specialty chemical additives for enhanced performance and size-controlled silica sand for a smooth, level finish. This expertly engineered formula is designed to work seamlessly with a variety of substrates, including concrete, masonry, mortar beds, plywood, and even existing ceramic tile. Whether you're installing ceramic tile, carpet, wood flooring, vinyl tile, or natural stone, LEVEL PRO has got you covered. Its exceptional adhesion, high strength, and flexible properties ensure a smooth, durable foundation for any floor covering.

*Available in 50 Lb. bags*

## INDUSTRY STANDARDS AND APPROVALS

**ANSI:** ANSI A118.16

**VOC:** SCS Indoor Advantage Gold

## WHERE TO USE

- Residential and commercial installations.
- For level substrates (*interior and exterior applications*).
- To produce a smooth surface ready for the installation of vitreous, semi-vitreous, and non-vitreous tile.
- To produce a smooth surface ready for the installation of ceramic, porcelain, quarry, glass, brick, stone veneer, cement-based precast terrazzo, natural stone tile, carpet, parquet, wood, vinyl tile, resilient flooring, laminate flooring, carpet, or other finishes.

## SUITABLE SUBSTRATES

- Absorbent and non-absorbent concrete. (Cured for at least 28 days).
- Masonry and mortar beds.
- Plywood and Primed OSB.
- Existing ceramic tile.
- Resilient flooring.

Always do a test with the bedding mortar to verify the suitability of the bond to the substrate.

Reference NTCA Reference Manual for installation recommendations, including those concerning substrates not listed.

## LIMITATIONS

- Install only at temperatures between 50° F and 90° F.
- This underlayment is not designed as a direct wearing surface.
- The use of solvent-based sheet flooring adhesive over the product is not recommended.
- Areas should be protected from the sun and wind, which can cause rapid moisture loss leading to incomplete hydration and potential cracking.
- Do not bond directly to hardwood, particle board, metal, fiberglass, OSB panels or plastic.
- Do not bridge control and expansion joints.
- This product is suitable for exterior conditions as an underlayment in areas not prone to water immersion or prolonged exposure to temperatures above 120°F.

## SURFACE PREPARATION

- All surfaces should be frost free and between 50° F and 90° F, structurally sound, clean, hard, and free from dirt, dust, wax, sealers, curing compounds, grease, paint efflorescence, or any other bond-breaking contaminants.
- Any contaminant should be mechanically removed before installation.
- Large holes should be repaired before application.
- Concrete slabs must be fully cured (28 days), structurally sound, and dimensionally stable.
- Some smooth concrete surfaces, existing glazed tile, terrazzo, or polished stone may require mechanical profiling by scarifying to enhance the bond.
- If installing over wood floors, the floor must be reinforced to prevent flexing.
- Polywood floors, including those under resilient flooring, must be structurally sound and meet all industry guidelines.
- **Substrate prep should comply with ANSI A108.01 "General Requirements: Subsurfaces and Preparations by Other Trades."**
- **Consult TCNA method EJ-171 for expansion joint placement.**

## PRIMING

- 1 Prime the previously prepared and clean surface with [CP-25 Admixture](#) or [CP-50 Admixture Concentrate](#).
- 2 Primer should be applied with a brush or roller in a uniform coating; avoid letting the primer puddle.
- 3 Allow the primer to dry before applying Level Pro (usually 1-2 hours, depending on temperature and humidity conditions.)
- 4 Porous surfaces and old concrete may require two coats, in that case, allow the first coat to dry completely before adding the second coat. *\*If the self-leveling is not applied within 24 hours, it will be necessary to apply the primer again.*

## MIXING

- 1 Pour cold, clean water into a clean container. A full bag (50 lbs.) of Level Pro will need 4.5 liters (4.7 quarts) of water.
  - 2 Gradually add the powder to the water to prevent clumping. **DO NOT ADD WATER TO THE POWDER.**
  - 3 Use an electric drill at approximately 500 rpm and mix for 2 or 3 minutes until the material is lump-free and into a thick and semi-fluid consistency.
  - 4 Do not mix more material than can be used in 15 minutes. The pot life of the material is affected by the job site and weather conditions.
  - 5 **DO NOT ADD MORE WATER.**
  - 6 The material may be re-mixed, but re-tempering can reduce the materials' performance and bond strength. Higher water contents can cause separation, reduction of strength and shrinkage. Over-mixing could trap air, which could shorten the pot life or cause pinholes.
  - 7 The water temperature will affect the setting time, using cold water in high temperatures and warm water in cold temperatures will help adjust the mix temperature.
- >> **Cold Weather Note:** The setting of cementitious products slows concurrently as the temperature drops from 50°F to 35°F. At 35°F it almost ceases. When these conditions occur, additional time must be allowed for the cement bonding materials to sufficiently harden before traffic is allowed. Do not allow mortar or grout to freeze, and do not apply when the substrate is frozen.
- >> **Hot Weather Note:** Hot weather, or any combination of high air temperature, low relative humidity and wind velocity, increases the tendency for dry shrinkage cracking, poor physical strength of the cured setting materials from the higher levels of water used during mixing, improper curing and decreases the durability of the installation. Substrates exposed to direct sunlight will have increased temperatures resulting in a rapid loss of workability increasing the tendency to skin over and dehydrate prematurely and fail to achieve its design strength.

***Be aware that it is the temperature of the tile products, bonding materials and substrate that counts, not just the air temperature.***

## APPLICATION (Refer to current ANSI A 108.21 and TCNA handbook guidelines.)

- 1 Close windows and doors to minimize airflow.
- 2 Seal all the perimeter openings to retain leakage.
- 3 Small areas may be placed by pouring from a suitable container (5 gal. bucket). Larger areas should be resurfaced with continuous pumping equipment.

## GENERAL INSTALLATION

- 1 Divide the area into sections to permit continuous pours.
- 2 Pour material in continuous strips about 1 foot (31 cm) in width across the narrow section of the floor.
- 3 Pour the next strip adjacent to the edge of the previously placed material.
- 4 In this manner, continue successive pours until the area is covered.
- 5 Adjacent strips should be poured within 15 minutes to ensure a smooth and continuous surface.
- 6 Level Pro can be installed from 1/4" (6 mm) to 1" (25 mm) thick.
- 7 When pouring into itself, it could be raked or pulled over the floor and smoothed to ensure a flat surface.
- 8 Level Pro will seek its own level during the first 10 minutes.

## CURING

- The initial set and full cure length depend on climate conditions, usually 16 - 24 hours.
- Protect the floor from rapid excessive drying due to temperature and air movements.
- Allow 4 hours before allowing light traffic over the floor.
- DO NOT use a curing compound, mechanical fans or heating devices.

TECHNICAL INFORMATION	
Shelf Life	6 months
Storage	Dry and closed / No humidity
Initial Set Time	30 minutes
Working Time	15 minutes
Flow Time	10 minutes
Walkable Hardness	4 hours
VOCs (SCAQMD Rule #1168)	0g per L

COVERAGE PER BAG	
APPLIED THICKNESS	COVERAGE
1/8" (3 mm)	50 ft <sup>2</sup> (4.6 m <sup>2</sup> )
1/4" (6 mm)	25 ft <sup>2</sup> (2.3 m <sup>2</sup> )
1/2" (12 mm)	12 ft <sup>2</sup> (1.1 m <sup>2</sup> )

ASTM TESTING	
Flow	140 mm (ASTM C1708)
Final Set Time	1.5 - 2 hours (ASTM C191)
Compressive Strength @ 28 days	5,000 psi (ASTM C109)

## ENVIRONMENTAL INFORMATION

CementPro is committed to environmental responsibility in products produced and manufacturing practices. For information on CementPro's commitment to sustainability and transparency and how CementPro products may contribute to green building standards and certification systems, contact [sustainability@cementpro.com](mailto:sustainability@cementpro.com) or visit [www.cementpro.com/sustainability](http://www.cementpro.com/sustainability).

// KEEP OUT OF REACH OF CHILDREN //

## PRECAUTIONARY STATEMENTS

This material contains Portland cement and silica sand.

- Contact with dry or freshly mixed mortar, grout, or concrete may cause skin irritation.
- Avoid direct contact and wash exposed skin areas promptly with water.
- If any cementing material gets into the eyes, rinse immediately and repeatedly with water, and seek prompt medical attention.

For detailed information on how to use and handle this product safely, see the [Material Safety Data Sheet](#).

### California Prop 65 Warning for Quartz Silica Sand

This product contains crystalline silica, a substance known to the State of California to cause cancer. Inhalation of crystalline silica dust can increase the risk of lung cancer, especially for those exposed for extended periods. To minimize exposure during use, always follow safe handling practices like dust suppression techniques during cutting, grinding, or other dust-generating activities. Wear appropriate personal protective equipment, including a respirator with a high-efficiency particulate air (HEPA) filter, and wash hands thoroughly after handling. For more detailed safety information and instructions, please refer to the product's Material Safety Data Sheet (MSDS) available at [https://cementpro.com/pdf/MSDS/levelpro\\_msds.pdf](https://cementpro.com/pdf/MSDS/levelpro_msds.pdf) or the California Office of Environmental Health Hazard Assessment (OEHHA) website: <https://www.oehha.ca.gov/>

### LEGAL NOTICE

This Product Data Sheet has been prepared in good faith based on information available at the time of publication. It is intended to provide users with information and guidelines for properly using and applying the covered CementPro brand product(s) under normal environmental and working conditions. Because each project is different, CementPro cannot be responsible for the consequences of variations in such conditions or unforeseen conditions.

### WARRANTY

Every Level Pro purchase enjoys a standard 1-year limited warranty, safeguarding its quality and performance. Unlock the full potential of your project with our extended 25-Year System Warranty! Use Level Pro as part of a complete CEMENTPRO installation system and qualify for this extended coverage. Head to <https://cementpro.com/warranty/> for complete details on the standard warranty and the 25-Year System Warranty specifics. At CementPro, we stand behind our products and your satisfaction.



### FOR WARRANTY QUESTIONS

Write to: 3929 E Guasti Rd, Unit C Ontario, CA 91761

Call: (951) 300-0300 Ext. 600

Email: [Warranty@cementpro.com](mailto:Warranty@cementpro.com)