



LEVEL PRO

TECHNICAL DATA SHEET



PRODUCT DESCRIPTION

LEVEL PRO is a high-quality self-leveling underlayment formulated with high-quality polymers, specialty chemical additives, and size-controlled silica sand. It is designed to level over properly prepared concrete, masonry, mortar beds, plywood, and ceramic tile before the installation of different floor coverings such as ceramic tile, carpet, wood flooring, vinyl tile, stone, etc. This product has been specially formulated to work without troweling, seeking its own level in minutes, leaving a smooth surface, great adhesion, high strength, flexibility, and no shrinkage.

Available in 50 Lb. bag

INDUSTRY STANDARDS AND APPROVALS

- ASTM: Exceeds ASTM C1708, C109, C191

ENVIRONMENTAL INFORMATION

CementPro is committed to environmental responsibility in products produced and manufacturing practices.

WHERE TO USE

- Residential structures, plants, kitchens, etc.
- As a wear surface for light-duty industrial floors.
- 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.
- Masonry and mortar beds.
- Plywood and Primed OSB.
- Existing ceramic tile.
- Resilient flooring.

LIMITATIONS

- This underlayment is not designed as a direct wearing surface.
- Do not bond directly to hardwood, particle board, metal, fiberglass, OSB panels or plastic.
- 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 bridge control and expansion joints.
- Do not use when the temperature is below 50° F or above 90° F.
- 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

- Substrate preparation should be compliant with ANSI A108.01 "General Requirements: Subsurfaces and Preparations."
- Substrate must be solid, structurally sound, hard, dry, clean, and free of all bond-breaking contaminants (oil, grease, paint, sealers, wax, soap, etc.)

- Any contaminant should be mechanically removed before installation.
- Avoid excessive movement; remove all unsound concrete.
- Large holes should be repaired before application.
- The surface should be between 50° F - 90° F at the time of application.
- Concrete slabs must be fully cured (28 days), structurally sound, dimensionally stable, and must accept water penetration and be free from efflorescence.
- 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.

Cold Weather Note: The setting of portland cement mortars and grouts is retarded by low temperatures. Protect finished work for an extended period when installing in cold weather. Do not set the tile when the surface temperature is below freezing or when the substrate is frozen.

Hot Weather Note: Hot, dry conditions accelerate moisture evaporation in portland cement mortars. Apply to dampened surfaces and protect freshly spread mortar and finished work when installing in hot temperatures.



LEVEL PRO

PRIMING

1. Prime the previously prepared and clean surface with CEMENTPRO ACRYLIC ADMIX (CP-25).
2. Do not dilute.
3. Primer should be applied with a brush or roller in a uniform coating; avoid letting the primer puddle.
4. Allow the primer to dry before applying Level Pro (usually 1-2 hours, depending on temperature and humidity conditions.)
5. Porous surfaces and old concrete may require two coats, in that case, allow the first coat to dry completely before adding the second coat.
6. 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 lb.) of Level Pro will need 4.5 liters (4.7 quarts) of water.

DO NOT ADD WATER TO THE POWDER.

2. Gradually add the powder to the water to prevent clumping.
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.

APPLICATION

Close windows and doors to minimize airflow. Seal all the perimeter openings to retain leakage. 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 ¼" (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

- Protect the floor from rapid excessive drying due to temperature and air movements.
- Do not use a curing compound.
- Allow light traffic over the floor after 4 hours from installation.

COVERAGE PER BAG

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1/8" (3mm)	50 sq. ft. (4.6m ²)
1/4" (6mm)	25 sq. ft. (2.3m ²)
1/2" (12mm)	12 sq. ft. (1.1m ²)

TECHNICAL INFORMATION

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Shelf Life	6 months (in a dry closed space)
Working Time	15 minutes
Flow Time	10 minutes
Flow	140 mm (ASTM C1708)
Initial Set	30 minutes
Final Set	1.5 - 2 hours (ASTM C191)
Compressive Strength @ 28 Days	5,000 psi (ASTM C109)
Walkable Hardness	4 hours



PRECAUTIONARY STATEMENTS

- This material contains Portland cement, silica sand and vinyl acetate co-polymers.
- 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.

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.

For information on CementPro's commitment to sustainability and transparency and how CementPro products may contribute to green building standards and certification systems, contact marketing@cementpro.com.

KEEP OUT OF REACH OF CHILDREN

CEMENTPRO, as a manufacturer of processed material in the state of California, is required by Proposition 65 to provide a warning that one or more of the components contained in this product could contain chemicals known to the state of California to cause cancer, congenital disabilities or other reproductive harm. The state of California requires the above warning in the absence of definitive testing to prove that the defined risks do not exist. We believe this product complies with all other applicable state and federal laws and regulations governing the manufacture, distribution and intended use.

WARRANTY

1-Year Product Limited Warranty. Obtain the applicable LIMITED PRODUCT WARRANTY at <https://cementpro.com/warranty/>

When Level Pro can qualify for up to a 25-year system warranty when used as part of an installation system of CEMENTPRO products. Reference the applicable System Warranty at www.cementpro.com

For Warranty Questions:

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

Call: (951) 300-0300 Ext. 600

Email: Warranty@cementpro.com

