



# 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*

### 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 is an underlayment and 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.

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- Areas should be protected from the sun and wind which can cause a 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 use in exterior conditions as an underlayment in areas that are 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 prior to 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.
- Poly-wood floors, including those under resilient flooring, must be structurally sound and must meet all industry guidelines.

## 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 the primer to puddle.
4. Allow 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 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 in 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 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 jobsite, 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 mix temperature.

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## APPLICATION

Close windows and doors to minimize air flow. 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 floor from rapid excessive drying due to temperature and air movements.
- Do not use a curing compound.
- Allow light traffic over floor after 4 hours from installation.

### COVERAGE PER BAG

at ⅛" ( 3 mm )	COVERS	50 sq. ft. ( 4.5 m <sup>2</sup> )
at ¼" ( 6 mm )	COVERS	25 sq. ft. ( 2.5 m <sup>2</sup> )
at ½" ( 12 mm )	COVERS	12 sq. ft. ( 1 m <sup>2</sup> )

*\*Coverage rates are approximate and actual coverage will vary based on jobsite conditions, application technique, waste, and surface.*

### TECHNICAL INFORMATION

Shelf Life	6 months (in a dry closed space)
Working time	15 min.
Flow time	10 min.
Flow	140 mm (ASTM C1708)
Initial Set	30 min.
Final Set	1.5-2 hrs ( ASTM C191 )
Compressive Strength @ 28 days	5,000PSI (ASTM C109)
Walkable Hardness	4 hrs.

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## 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 where possible and wash exposed skin areas promptly with water.
- If any cement 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.

## 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 warning that one or more of the components contained in this product could contain chemicals known to the state of California to cause cancer, birth defects 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 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 is used as part of an installation system of CEMENTPRO products, this can qualify for up to a 25-year system warranty. Reference the applicable System Warranty at [www.cementpro.com](http://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](mailto:Warranty@cementpro.com)

