



# PATCHPRO

## TECHNICAL DATA SHEET



### PRODUCT DESCRIPTION

PATCH PRO is a fast setting, polymer-modified, Portland cement-based patching compound designed for interior and exterior concrete surfaces which develops high compressive strength without shrinking.

*Available in 25 Lb. bags*

### WHERE TO USE

- Residential and commercial use.
- To patch and smooth concrete surfaces prior to the installation of different coverings such as ceramic tile, carpet, resilient and wood flooring, terrazzo.
- As an embossing leveler.
- Bonds to porous and non-porous substrates, is crack resistant and will not shrink.
- As a skim coat or rough-textured.

### SUITABLE SUBSTRATES

- Properly prepared concrete.
- Cementitious backer board.
- Structurally sound exterior grade plywood (interior use only).
- Existing well bonded vinyl/VCT or ceramic tile.

### LIMITATIONS

- This product is not designed as a direct wearing surface, an appropriate floor covering must be installed before it is open to normal traffic.
- Do not use when the temperature is below 50°F or above 90°F or when the relative humidity exceeds 85%.
- Do not apply over standing water.
- Do not use to fill existing expansion control joints.
- When repairing large areas, use as a thin application only.
- Do not apply over self-stick tile, presswood, particle board, flakeboard, or similar types of dimensionally unstable substrates.

## SURFACE PREPARATION

- Substrate should be clean and free of all bond-breaking contaminants (oil, grease, paint, sealers, wax, soap, etc.).
- Concrete slabs must be fully cured (28 days), structurally sound and dimensionally stable and must accept water penetration and be free from efflorescence.
- Concrete must be free of any negative hydrostatic pressure and/or excessive moisture.
- Contaminants should be mechanically removed before installation.
- Avoid excessive movement, remove all weak concrete.
- The surface should be between 50°F - 90°F at the time of application.

## MIXING

1. Pour cold, clean water in a clean container. A full bag (25 lb.) of Patch Pro will need 2.5 liters of water (2.64 quarts).

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 consistency.
4. Do not mix more material than can be used in 10 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.
7. DO NOT OVER WATER. Higher water contents can cause separation, reduction of strength and shrinkage.

## APPLICATION

1. Immediately after mixing, with the flat side of a trowel held at a 45° angle, apply Patch Pro according to the desired thickness (up to ½ in.) and fill all broken areas, depressions, and cracks in the substrate.
2. Make sure coverage is smooth and uniform, avoid over-troweling.
3. If a second layer is required, install immediately after the first one has set to a walkable hardness (2 hours).
4. For new or smooth surfaces, it is recommended to roughen them.
5. Over plywood, due to its limitations, it is not recommended for use in exterior, or heavy traffic applications.
6. Over existing ceramic tile, ensure that it is clean and well bonded to the substrate.
7. Allow at least 2 hours to dry and finish with the final floor covering chosen.
8. Patch Pro can be covered with Level Pro, CementPro Thin-Sets, and other adhesives.

## CURING

- Protect from rapid excessive drying due to temperature and air movements.
- Do not use a curing compound or a damp curing method.
- Allow light traffic over floor after 2 hours from installation.

## COVERAGE PER BAG

Thickness	25 lbs.
at ¼" ( 6 mm )	10 ft² ( 0.9 m² )
at ⅛" ( 3 mm )	30 ft² ( 2.8 m² )
at 1/32" ( 1 mm )	120 ft² ( 11 m² )

*\*Coverage rates are approximate and actual coverage will vary based on jobsite conditions.*

## TECHNICAL INFORMATION

Shelf Life	6 months (in a dry closed space)
Working Time	10 - 15 min.
Pot Life	10 - 15 min.
Initial Set	15 min.
Final Set	60 min.
Compressive Strength @ 24 hours	2500 PSI
Compressive Strength @ 28 days	5000 PSI
Flexural Strength @ 28 days	1500 PSI
Walkable Hardness	2 hours



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## PRECAUTIONARY STATEMENTS

- This material contains Portland cement, silica sand and polymers.
- Contact with dry or freshly mixed mortar, grout or concrete may cause skin irritation.
- If direct contact occurs, wash exposed skin areas promptly with soap and 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 Patch 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)

