



PATCH PRO

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 installations.
- 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.
- As a skim coat or rough-textured.

SUITABLE SUBSTRATES

- Concrete (Cured for at least 28 days).
- Cement backer units (CBUs) - reference manufacturer's installation guidelines.
- Exterior grade plywood - interior use only.
- Existing, properly prepared, fully bonded sheet vinyl.
- Existing, properly prepared, fully bonded VCT.
- Existing, properly prepared, fully bonded ceramic tile.

Reference CementPro's Customer Service Department for installation recommendations concerning substrates not listed.

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.

PATCH PRO

- 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

- All surfaces should be frost free and between 50°F and 90°F, structurally sound, clean, hard, and free from dirt, dust, sealers, or any other bond breaking contaminants.
- Concrete slabs must be fully cured (28 days), structurally sound, dimensionally stable, accept water penetration and be free from efflorescence.
- Concrete must be free of any negative hydrostatic pressure and/or excessive moisture.

MIXING

1. Pour cold, clean water in a clean container. A full bag (25 lb.) of Patch Pro will need 2.5 liters (2.64 quarts) of water.
2. Gradually add the contents of the bag to the liquid while slowly mixing.
3. Using an electric drill with an angled cross (blade mixer), mix for 2 to 3 minutes until the material becomes a smooth, lump-free paste.
4. Do not mix more material than can be used in 10 minutes.
5. The material may be re-mixed, but re-tempering can reduce the materials performance and bond strength.
6. 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.

PATCH PRO

COVERAGE PER BAG

Thickness	Coverage
½ inch	6.2 ft ²
¼ inch	12.5 ft ²
⅛ inch	25 ft ²
1/32 inch	100 ft ²

TECHNICAL INFORMATION

Shelf Life	6 months
Storage	Dry and closed, no humidity
Working Time	10 - 15 min
Pot Life	22 min
Walkable Hardness	2 hours
Density (g/cm ³)	1.9238
Viscosity (cP)	30000

ASTM SPECIFICATIONS

Property	Test Method	Test Duration and/ or Conditions	Results
Initial Setting Time	ASTM C266	-	37 min
Final Setting Time	ASTM C266	-	72 min
Compressive Strength	ASTM C109	1 day 28 days	2788 psi 4368 psi
Flexural Strength	ASTM C348	28 days	1157 psi

ASTM C490	Standard Conditions (%)					Water Immersion (%)			
Description	Unmold	7d	14d	21d	28d	7d	14d	21d	28d
Patch Pro	0	-0.0188	-0.0252	-0.022	-0.018	-0.1872	-0.2025	-0.1968	-0.1928

PATCH PRO

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

For Warranty Questions:

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

Call: (951) 300-0300 Ext. 600

Email: Warranty@cementpro.com

