



# CONCRETE GLUE

## TECHNICAL DATA SHEET



Updated: February, 2024.

## PRODUCT DESCRIPTION

Concrete Glue is a liquid bonding adhesive that simplifies bonding new or old concrete to existing surfaces. This innovative product eliminates time-consuming and labor-intensive roughing or scoring, streamlining your concrete projects for maximum efficiency. Concrete Glue's user-friendly liquid formula makes application a breeze, allowing you to quickly and easily secure new or old concrete to existing surfaces with minimal preparation. Our adhesive has been tested and proven, providing a secure and reliable bond that will stand the test of time. Experience the seamless bonding, unparalleled convenience, and trusted performance that sets Concrete Glue apart from the rest.

*Available in 1 & 5 gallons*

## INDUSTRY STANDARDS AND APPROVALS

VOC: SCS Indoor Advantage Gold

## WHERE TO USE

- Interior and exterior applications.
- Floors, walls, sidewalks, concrete pavements, curbs and steps.
- For permanently bonding new concrete, mortar or plaster to old concrete, mortar or plaster.
- As a primer for self-leveling applications.

## SUITABLE SUBSTRATES

- Concrete (Cured for at least 28 days), cementitious mortars and gypsum plaster.

Always do a test with the bonding 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 95° F.
- Do not bond directly to hardwood, particle board, parquet, cushion, sponge-backed vinyl flooring, metal, fiberglass, plastic, or OSB panels.

## SURFACE PREPARATION

- All surfaces should be frost-free and between 50° F and 95° F, structurally sound, clean, hard, and free from dirt, dust, sealers, or any other bond-breaking contaminants.
- Glossy surfaces should be dulled or sanded.
- Concrete slabs must be fully cured (28 days), structurally sound, and dimensionally stable.
- All materials should be acclimated to job site conditions and protected from direct sunlight prior to use.
- **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.*

## MIXING

- 1 Ensure use of a clean mixing container.
  - 2 Shake the Concrete Glue container well before use.
  - 3 When using with concrete, mortar, plaster, etc., mix 1 liter of Concrete Glue with 3 or 4 parts of clean, cool potable water per 50 lb. bag of product and with an electric mixer on low speed for 2-3 minutes until desired consistency.
  - 4 If using Concrete Glue as a primer for a self-leveling application, mix 1 liter of Concrete Glue with 3 or 4 parts of clean, cool potable water with an electric mixer on low speed for 2-3 minutes to ensure a homogenous mixture. Then pour Concrete Glue into container for use with brush, roller or spray.
- >> **Cold Weather Note:** The setting of cementitious mortars and grouts 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 of mortars and grouts, 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 a mortar's 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 108.01 specifications and TCNA handbook guidelines)

- The surface to be repaired should be damp but have no standing water.
- Apply Concrete Glue with a brush, roller or spray in the thickness of a coat of paint.
- Fresh cement topping, mortar or plaster may be applied after the surface has become tacky. *\*Depending on weather conditions, this can be between 10 - 30 minutes.*

## CURING

- The initial set and full cure length depend on climate conditions, usually 24 to 48 hours.
- Allow 72 hours after installation before allowing traffic.
- DO NOT accelerate the curing of this material with mechanical fans or heating devices.

TECHNICAL INFORMATION	
Shelf Life	18 months
Storage	Tightly closed container in a cool, dry and well-ventilated area
VOCs (SCAQMD Rule #1168)	≤ 0.5 mg/m <sup>3</sup>

COVERAGE	
<i>*Actual coverage will vary depending on dilution used and the porosity and texture of existing surface.</i>	
1 gallon	200 - 300 ft <sup>2</sup> (18 - 28 m <sup>2</sup> )
5 gallons	1,000 - 1,500 ft <sup>2</sup> (93 - 140 m <sup>2</sup> )

## 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

- Avoid direct contact and wash exposed skin areas promptly with water.
- If any 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](#).

### 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 Concrete Glue 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 Concrete Glue 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)