



PRO MASTIC

TECHNICAL DATA SHEET

Updated: February, 2024.

PRODUCT DESCRIPTION

Pro Mastic is a pre-mixed, water-based acrylic adhesive recommended for a wide range of interior wall and floor installations. It is manufactured with the finest ingredients, including styrene-acrylic emulsions, high-quality additives, and graduated inert aggregates. This unique blend of components ensures a seamless and effortless application process, allowing you to achieve a flawless finish every time. The water-based formula of Pro Mastic makes it an environmentally friendly and user-friendly choice, catering to the growing demand for sustainable and safe construction materials. Its high bond strength guarantees a secure and long-lasting installation, giving you the peace of mind you deserve.

Available in 1 & 3.5 gallons

INDUSTRY STANDARDS AND APPROVALS

ANSI: A136.1 Type I
VOC: SCS Indoor Advantage Gold

WHERE TO USE

- Interior wall and floor applications.
- Suitable for wet areas such as shower walls, tubs and surrounding areas.

SUITABLE SUBSTRATES

- Concrete (Cured for at least 28 days), cementitious mortars and gypsum plaster.
- Cement backer units (CBUs) - *reference manufacturer's installation guidelines.*
- Gypsum wallboard and plaster - *interior walls in dry areas only.*
- Exterior grade plywood- *interior use only.*

Always do a test 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 lightweight concrete, particle board, parquet, metal, glass, plastic, gypsum mortar beds, particle board, OSB or masonite surfaces.

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.
- Painted surfaces must be sanded, stripped and cleaned.
- 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

- Product is ready to use.
- Stir by hand before application.
- Do not dilute with any other material.

>> **Cold Weather Note:** Additional drying time may be required when the temperatures are cold. Do not apply when the substrate is frozen.

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 108.4 specifications and TCNA handbook guidelines)

- 1 Use a properly sized notch trowel to ensure proper coverage under tiles. Consider tile types, shapes and sizes of specific application to exceed the 80% minimum coverage for interior dry areas and the 95% minimum coverage for wet applications. **For trowel guidelines, reference NTCA Reference Manual.*
- 2 Using the flat side of the trowel, with pressure, apply a uniform coat of Pro Mastic to the surface. Proper coverage is a continuous thickness of $\geq 1/32$ " between the substrate to the tile underside.
- 3 Then, with the notched side of the trowel held at a 45° angle, comb the adhesive in a single direction. To assist with collapsing ridges and removing air, comb the notches perpendicular to the long edges of rectangular tiles.
- 4 Adjust the tile promptly and lightly, beat it in with a rubber mallet.
- 5 Periodically pull up a tile and check the contact area in the back to ensure proper adhesion.
- 6 Apply only as much mortar as can be tiled before the product skins over; If the material has skinned over it is too dry, remove and replace with fresh mortar.

CURING

- The initial set and full cure length depend on climate conditions, usually 24 to 36 hours.
- Allow 24 to 36 hours after installation before applying grout.
- DO NOT accelerate the curing of this material with mechanical fans or heating devices.

TECHNICAL INFORMATION	
Shelf Life	12 months
Storage	Tightly closed container in a cool, dry and well-ventilated area
pH	7.5 - 8.5
VOCs (SCAQMD Rule #1168)	$\leq 0.5 \text{ mg/m}^3$

COVERAGE		
<i>*Actual coverage will vary depending on the porosity and texture of existing surface.</i>		
TROWEL TYPE	TROWEL SIZE	COVERAGE
"V" Notched	3/16" x 5/32"	1 gallon: 40 - 55 ft ² 3.5 gallons: 140 - 192 ft ²
Square Notched	1/4" x 1/4"	1 gallon: 25 - 40 ft ² 3.5 gallons: 87 - 140 ft ²

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 or visit 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 Pro Mastic 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 Pro Mastic 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