



# ELASTIC PRO

## TECHNICAL DATA SHEET



### PRODUCT DESCRIPTION

ELASTIC PRO is a liquid applied, ready-to-use elastomeric membrane for tile and stone installations. This product creates a continuous waterproofing barrier with excellent adhesion in tile and stone floors and forms a smooth, uniform surface over walls, floors, and ceilings.

Available in 1 gal. and 3.5 gals.

### INDUSTRY STANDARDS AND APPROVALS

- ANSI: Exceeds A 118.10 Requirements.

### ENVIRONMENTAL INFORMATION

CementPro is committed to environmental responsibility in products produced and manufacturing practices.

### WHERE TO USE

- Residential and commercial applications.
- As a water barrier, recommended on substrates for protection from water migration and load-bearing thin-set tile and stone installation.
- Metal drains, PVC, stainless steel, and ABS drain assemblies.
- For waterproofing pools, sewers, cellars, balconies, spas, and water features.

### SUITABLE SUBSTRATES

- Concrete (Cured for at least 28 days).
- Masonry and cement mortar beds.
- Cement backer units (CBUs) - reference manufacturer's installation guidelines.
- Gypsum wallboard - interior walls in dry areas only.
- Exterior grade plywood - interior use only.

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- Existing ceramic tile and resilient flooring - interior dry areas only.
- Exterior decks with proper drainage.

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

## LIMITATIONS

- Install only at temperatures between 50° F and 90° F.
- Do not use over dimensionally unstable substrates such as particle board, pressboard, tempered hardboard, fiberglass, or single-layer wood floors.
- Do not use as a final wear surface.
- Do not apply over wet surfaces or surfaces subject to hydrostatic pressure from beneath the membrane.

## SURFACE PREPARATION

- All surfaces must be structurally sound, stable, dry, clean, and free of contaminants that would avoid proper adhesion, such as dirt, dust, grease, wax, oil, curing agents, efflorescence, grease, and cleaning solutions.
- New concrete must be cured for 28 days and then troweled smooth and textured to a fine broom finish.
- Existing surfaces must be scarified and leveled, and all defects must be repaired before application.
- Smooth surfaces must be roughened to promote bond.

## MIXING

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

## APPLICATION

- Corners, coves, control joints, and cracks up to 1/8" (3mm) must be pretreated before applying ELASTIC PRO.
- All porous surfaces must be slightly moistened before application.
- For waterproofing installations, the membrane must be applied in two coats of 25 mils thick each.
- Use a 1/4" - 1/2" nap roller or 3/16" x 5/32" V-notch trowel at 45° .
- Apply the first coat at 25 mils thickness, creating a continuous film and let it dry for 1 to 2 hours (until the coat has dried to dark blue).
- Then, apply the second coat at 25 mils thick at a right angle to the first to fill the imperfections and holes.
- Voids, bubbles, or breaks must not be present in the cured membrane.
- If a trowel is used, smooth out the membrane ridges with the flat side of the trowel immediately after application.
- After the installation of Elastic Pro, any polymer-modified thin-set meeting ANSI A 118.4 or A 118.11 can be applied over the membrane.





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## CURING

- Elastic Pro is a dark blue color when wet and turns into a light tone when dried.
- Protect the application from rain, direct sunlight, and inclement weather for 72 hours after application.
- Elastic Pro can be tested for leaks 24 hours after application.
- Drying time may vary due to surface and area conditions, ambient temperatures, and humidity.



## COVERAGE PER BAG

1 Gallon (3.78 L)	30 sq. ft. (2.79m <sup>2</sup> )
3.5 Gallon (13.25L)	105 sq. ft. (9.75m <sup>2</sup> )

## TECHNICAL INFORMATION

Shelf Life	1 year
Storage	Store closed, in an area less than 90 ° F
Color	Light Blue
Application Temperature Range	50 ° F - 90 ° F
Dry Time	1.5 - 2 hours
Final Dry Film Thickness	20 - 30 mils (0.5 - 0.8 mm)
VOCs (SCAQMD Rule #1168)	< 5g per L

## ANSI SPECIFICATION

<b>Property</b>	<b>Test Method</b>	<b>Results</b>	<b>Requirements</b>
Fungus Resistance	A118.10 Section 4.1	Pass	<b>No Growth</b>
Seam Strength	A118.10 Section 4.2	27 lbs. / inch width	<b>&gt; 8 lbs. / inch width</b>
Breaking Strength	A118.10 Section 4.3	251 psi	<b>&gt; 170 psi</b>
Dimensional Stability	A118.10 Section 4.4	-0.46% / 0.04%	<b>+/- 0.7%</b>
Waterproofness	A118.10 Section 4.5	Pass	<b>No Water Penetration</b>
<b>Shear Bond Strength to Cement Mortar</b>			
Four Week Shear Strength	A118.10 Section 5.5	133 psi	<b>&gt; 50 psi</b>



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## PRECAUTIONARY STATEMENTS

- Avoid contact with eyes or skin.
- For detailed information on how to use and handle this product safely, see the Material Safety Data Sheet.

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.

For information on CementPro's commitment to sustainability and transparency and how CementPro products may contribute to green building standards and certification systems, contact [marketing@cementpro.com](mailto:marketing@cementpro.com).

## 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 a warning that one or more of the components contained in this product could contain chemicals known to the state of California to cause cancer, congenital disabilities 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 the manufacture, distribution and intended use.

## WARRANTY

1-Year Product Limited Warranty. Obtain the applicable LIMITED PRODUCT WARRANTY at <https://cementpro.com/warranty/>

Elastic Pro can qualify for up to a 25-year system warranty when used as part of an installation system of CEMENTPRO products. 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)

