



ELASTIC PRO

TECHNICAL DATA SHEET



Updated: February, 2024.

PRODUCT DESCRIPTION

Are you looking for a reliable, high-performance waterproofing solution for your tile and stone installations? Look no further than ELASTIC PRO – the game-changer in the world of waterproofing membranes! ELASTIC PRO is a liquid-applied, ready-to-use elastomeric membrane that combines cutting-edge technology with unparalleled performance. Engineered to the highest standards, this product creates a continuous waterproofing barrier with excellent adhesion, ensuring your tile and stone floors remain protected against water intrusion and moisture-related damage. With its smooth, uniform surface, ELASTIC PRO seamlessly integrates with walls, floors, and ceilings, providing a flawless finish that enhances the overall aesthetic appeal of your installation.

Available in 1 and 3.5 gallons

INDUSTRY STANDARDS AND APPROVALS

ANSI: A118.10

VOC: SCS Indoor Advantage Gold

WHERE TO USE

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

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 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 should be frost free and between 50° F and 90° F, structurally sound, clean, hard, and free from dirt, dust, grease, wax, oils, efflorescence, sealers, or any other bond-breaking contaminants.
- Concrete slabs must be fully cured (28 days), structurally sound, and dimensionally stable, accept water penetration and be free from efflorescence.
- Existing surfaces must be scarified and leveled, and all defects must be repaired before application.
- Smooth surfaces must be roughened to promote bond.
- **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.

APPLICATION (Refer to current ANSI A 108.5 specifications and TCNA handbook guidelines)

- 1 Corners, coves, control joints, and cracks up to 1/8" (3mm) must be pretreated before applying Elastic Pro.
- 2 All porous surfaces must be slightly moistened before application.
- 3 For waterproofing installations, the membrane must be applied in two coats of 25 mils thick each.
- 4 Using 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).
- 5 Then, apply the second coat at 25 mils thick at a right angle to the first to fill the imperfections and holes.
- 6 Voids, bubbles, or breaks must not be present in the cured membrane.
- 7 If a trowel is used, smooth out the membrane ridges with the flat side of the trowel immediately after application.
- 8 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.

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	
<i>*Actual coverage will vary depending on the porosity and texture of existing surface.</i>	
APPLIED THICKNESS	COVERAGE
1 Gallon (3.78 liters)	30 ft ² (2.79 m ²)
3.5 Gallons (13.25 liters)	105 ft ² (9.75 m ²)

TECHNICAL INFORMATION	
Shelf Life	6 months
Storage	Tightly closed container in a cool, dry and well-ventilated area
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 A118.10 TESTING		
PROPERTY	RESULTS	REQUIREMENTS
Fungus Resistance	Pass	No Growth
Seam Strength	27 lbs. / inch width	> 8 lbs. / inch width
Breaking Strength	251 psi	> 170 psi
Dimensional Stability	-0.46% - 0.04%	+/- 0.7%
Waterproofness	Pass	No Water Penetration
SHEAR BOND STRENGTH TO CEMENT MORTAR		
Four Week Shear Strength	133 psi	> 50 psi

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

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 Elastic Pro 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 Elastic Pro 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