

Conpro Lastic

Roller, spray or brush applied, waterproof, elastomeric, crack bridging, anti-carbonation membrane.

WHERE TO USE

Protect vertical concrete, block, brick, stucco and EIFS from water and contaminant entry. Will bridge minor cracking.

Performance Characteristics

Flexible

Retains elasticity at low temperatures.

Waterproof

Two 15 mils. wet coats provide waterproof membrane.

Anti-carbonation

Mitigates carbonation of concrete.

Breathability

Water vapor permeable.

Alkaline stable

Formulated for highly alkaline substrates.

Durable

UV stable. Mildew resistant.

Colorfast

Premium quality exterior grade pigments, minimize fading.

Textures

Available in sanded and smooth finishes.

Extensive color spectrum

38 standard colors and custom matching.

Surface Preparation

Remove loose and deteriorated material, laitance, dirt, dust, oil and any surface contaminants that will inhibit proper adhesion.

Prepare surface to a sandpaper-like texture (CSP 3) by mechanical abrasion or medium water blasting. Refer to ICRI Surface Preparation Guide 03732 for information about Concrete Surface Profile (CSP). Surface must be dry and frost free.

Small voids, air pockets, static cracks up to 1/16 inch and irregularities should be filled with Plastermix.

Repair larger voids and damaged areas with Conpro Set. For cracks greater than 1/16 inch, rout and caulk with a urethane sealant. Refer to SWRI Sealants – The Professionals' Guide.

Apply Plastermix to concrete where a monolithic, void free texture is desired.

Apply Plastermix on reinforced concrete to increase carbonation resistance.

Priming

Priming is not necessary under normal circumstances.

Mixing

Stir or mechanically mix using a low speed drill (400 - 600) until homogenous.

Mix pails from different batches when an entire surface is visible.

Application

Apply a test sample to determine adhesion. Test using ASTM D3359 cross-hatch adhesion procedure. Substrate temperature must be above 45°F.

Ambient temperature must be above 45°F for the entire curing period.

Roll, spray or brush apply a uniform 15 mils. wet – dries to 7 mils.

For roller applications use a 1 - 1-1/4 inch synthetic nap roller depending on texture of substrate.

For spray applications use a Graco 3500, President or Bulldog or equivalent with a 0.041 - 0.047 tip.

Spray application must be back rolled for a pin-hole free surface.

Work to pre-determined break points in the structure. Maintain a wet edge.

Apply a second coat when the first is dry-to-touch.

Curing

Protect from moisture for 24 hours and wind driven rain for 72 hours.

Clean Up

Clean tools and equipment with water. Clean adjacent areas with water before material dries.

Conpro Lastic

Coverage/Yield

100 ft.²/gal. @ 15 mils. wet for smooth surfaces.
50 - 75 ft.²/gal. @ 15 mils. wet for split block or rough surfaces.

Product Handling

Packaging

5 gallon containers

Shelf Life

18 months in unopened containers.

Storage

Protect from freezing.
Transport and store in cool, clean, dry conditions in unopened containers.
High temperature will reduce shelf life.

Limitations

Do not apply if precipitation is forecast within 24 hours of application.
Do not apply in strong winds.
Do not apply to horizontal or overhead surfaces.
Do not apply to frozen surfaces.
Do not apply if temperature of substrate is below 45°F.
Do not apply if ambient temperature is below 45°F.
Do not apply in areas susceptible to ponding water.

Health and Safety

Product is alkaline.
Do not ingest.
Avoid contact with skin and eyes.
Avoid breathing vapors.

Refer to Safety Data Sheet (SDS) for additional information.

First Aid

In case of skin contact, wash thoroughly with soap and water.
For eye contact, flush immediately with a high volume of water for at least 15 minutes and contact a medical professional.
For respiratory problems, remove person to fresh air.
If respiratory difficulty persists, contact a medical professional.

Disposal

Dispose of material in accordance with local, state and federal regulations.

Technical Data

Grade		Smooth	Sanded (Textured)
Physical state and appearance		Liquid – tinted – thick paint	Liquid – tinted – thick paint
Base		Aqueous	Aqueous
Polymer		100% acrylic	100% acrylic
pH		9.5 - 10.5	9.5 - 10.5
Percent solids by weight		54%	62%
Percent solids by volume	ASTM D2697	46%	-
Viscosity	ASTM D562	<142 KU	<142 KU
Flame spread	ASTM E84	Zero	Zero
Density of liquid coatings	ASTM D1475	10.6 lbs./gal.	11.2 lbs./gal.
Tear resistance	ASTM D6083	80 lbs./inch.	28 lbs./inch.
Moisture vapor transmission Method B wet cup	ASTM D1653	16.2 perms @ 15 mils. DFT	39 perms @ 15 mils. DFT
Accelerated weathering – QUV	ASTM G154	2000 hours – UV-B cycled with condensation – no effect	Same data as for smooth
Resistance to chemicals	ASTM D1308	Excellent	Excellent
Water penetration and leakage	ASTM E514	100% reduction	100% reduction
Wind driven rain	Fed. Spec TT-C-555B	Pass	Pass
Wind driven rain	ASTM D6904	Pass	-
Dirt pick-up	ASTM D3719	Excellent	Excellent
Low temperature flexibility	ASTM D522	Pass	Pass
Low temperature flexibility after 1000 hrs.	ASTM D522	Pass	Pass
Tensile	ASTM D412	270 psi	-
Elongation	ASTM D412	485%	-
Crack Bridging	ASTM C1305	No Cracking	-

FOR PROFESSIONAL USE ONLY

Conproco warrants this product for one year from the date of manufacture to be free from manufacturing defects and to meet the technical properties on the current technical data sheet if used as directed within shelf life. User determines suitability of product for use and assumes all risks. Buyer's sole remedy shall be limited to the purchase price or replacement of product, exclusive of labor or cost of labor. July 29, 2020.

NO OTHER WARRANTIES EXPRESSED OR IMPLIED SHALL APPLY, INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. CONPROCO CORP SHALL NOT BE LIABLE UPON ANY LEGAL THEORY FOR SPECIAL OR CONSEQUENTIAL DAMAGES.

conproco[®]

TELEPHONE 800.258.3500 • FAX 603.743.5744 • WEB ADDRESS www.conproco.com