



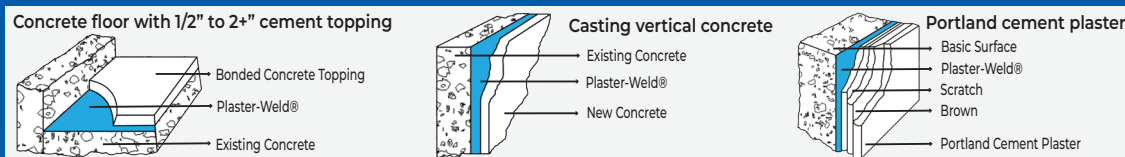
Plaster-Weld®

High strength bonding agent.

The product that helps you reduce construction cost of up to 20% while providing better results!
No more chipping required when plastering and significantly reduce construction time.

Plaster-Weld® is the original chemical concrete bonding agent, incorporating a patented polyvinyl acetate homopolymer formulation for both exterior and interior use. It effectively bonds new concrete, portland cement plaster, and other cementitious mixes to structurally sound surfaces such as concrete floors, walls, columns, beams, steps, ramps, brick, block, tile, marble, metal, glass block, soundly adhered paint (non-water-soluble), and silicone. Ideal for applications requiring a time lapse, Plaster-Weld's extended open time allows bonding to concrete shear walls even after placement of reinforcing steel and formwork. It can be easily "painted on" in a single coat 1 to 10 days before concrete placement, and is also widely used for bonding setting beds for ceramic tile, portland cement plaster, and stucco mixes.

Nagbibigay ng mas matibay na dikit sa pagitan ng lumang at bagong kongkreto.
Tumutulong din ito makaiwas sa pagkapak o pag-angat ng tiles.



AVAILABLE IN: 5 GALLON (1 PAIL) & 1 GALLON

STANDARDS AND APPROVALS

- ASTM C-1059
- ASTM C 631
- Military Specification, MIL-B-19235C(YD)
- General Services Administration Specification for Bond Adhesive
- Corps of Engineers Specification CE-240.01
- Canadian Standards CSA A261
- Approved: New York City Board of Standards & Appeals under Cal. No. 626-52-SM

PERFORMANCE PROPERTIES

Tensile Bond Strength	ASTM C 932-05 (modified) (pulling apart bonded cement briquet halves). 265 psi. Avg. 14 days.
Flexural Bond Strength	ASTM C-78 (concrete beams laminated with bonding agent). 603 psi. Avg.
Shear Bond Strength	ASTM C-1059 (slant shear cylinder test). 740 psi. Avg. 14 days.
Temperature Range	ASTM C-109 (specimens brought to 35 ° F for 1 hr., then to 310 degrees F for 2 hrs). No bond failure. Shear tests 400 psi. Avg.
Freeze-Thaw Stability	5 cycles freeze (-10 degrees F and thaw). Freeze-thaw stable.
Toxicity	Enclosed mice exposed to 30 cc volatilized bonding agent for 1 hr. Non-toxic, no ill effects after 7 days.
Fire Resistance	ASTM E-119 (bonded assembly). Passed 2 hr. Fire Test 1800 degrees F and 1 hr. Hose Stream Test.
Flammability	Meets MIL-B-19235C, non-flammable.
Acid Resistance	1" concrete slabs bonded to 1/2" gypsum plaster subjected to seepage of strong detergents and synthetic urine for 10 hrs. a day. No bond failure after 25 consecutive days. Also unaffected by alkalinity of cement.
Life Expectancy	Lab tested and field proven. Non-deteriorating bond; retains strength and flexibility.

AREA OF COVERAGE:

1 GALLON = Approx. 18 - 27 m²

Depends on application method, temperature, porosity and texture of the substrate

SURFACE PREPARATION:

- Ensure surface is clean, structurally sound, and free of loose material, dust, oil, grease, wax, paint, mildew, rust, laitance, and efflorescence.
- Steel-troweled concrete: Scarify or acid wash (10% muriatic), rinse well.
- Degreasing solvents (e.g. Varsol) may be used.
- New concrete: Use rake or broom finish.
- Substrates with other product topping: Ensure compatibility with form-releasing/curing agents, hardeners, or sealers.
- Glossy paint surface: Should be dulled; new paint surface: must cure for 7 days.
- Do not apply on frozen concrete, plastic, water-soluble paints, or under hydrostatic pressure.
- Inspect for excessive cracks.

INSTALLATION

BONDING AGENT APPLICATION:

- Apply uniformly by brush, roller, or spray to achieve a full blue film coverage.
- Allow 1 hour drying time, except for fast-set cements/grouts (apply while tacky).
- Check continuity of film; reapply if needed.
- Protect from dirt, debris, and water.

OTHER SUITABLE APPLICATION:

- Concrete Overlay
- Bonded Concrete Sheer Wall
- Portland Cement Terrazzo
- Mortar Setting Beds
- Non-Shrink Fast-Set Mortars and Grouts
- Portland Cement Plaster
- Bedcoat