



Concrete & Plaster Bonding Systems - Worldwide Since 1952

8264 Preston Court, Jessup, MD 20794 • (800) 633-6668

Plaster-Weld® Plaster Bonding Agent

Description : Plaster-Weld® The original plaster bonding agent is a patented formulation incorporating polyvinyl acetate homopolymer.

Uses: Designed for interior use only, Plaster-Weld® provides high performance bonding of one-coat finish plaster and/or two and three coat work to concrete ceilings, walls, columns, beams, and other structurally sound surfaces. Plaster-Weld® prepares the surface to allow you to plaster directly to concrete over electric radiant heat cable, and to bond cement mortar beds to smooth concrete for installation of rigid foam installation. Concrete, brick, block, glass, ceramic tile, wallboard, metals (e.g. sheet lead in x-ray rooms) and marble are suitable surfaces. Plaster-Weld® can be used over paints having oil, rubber, or vinyl bases, and over silicone-treated surfaces, as well as latex paints. Do not apply over water soluble paints, ie. casein or calcimine paints.



Performance & Properties

Tensile Bond Strength:

ASTM C-631 (pulling apart bonded cement briquet halves). In all cases failure occurred in the cementitious material, not in the bond. 385 psi. Avg. 28 days.

- **Temperature Range:**
ASTM C-109 (specimens brought to 35 degrees 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 volatized bonding agent for 1 hr. Non-toxic, no ill effects after 7 days.

Life Expectancy: Lab tested and field proven. Non-deteriorating bond; retains strength and flexibility.

Coverage: Plaster-Weld® covers approximately 300 to 400 square feet per gallon, depending on method of application, temperatures, porosity and texture of the substrate.

Packaging: Plaster-Weld® is available in 55 gallon drums, 5 gallon pails, gallon and quart containers.

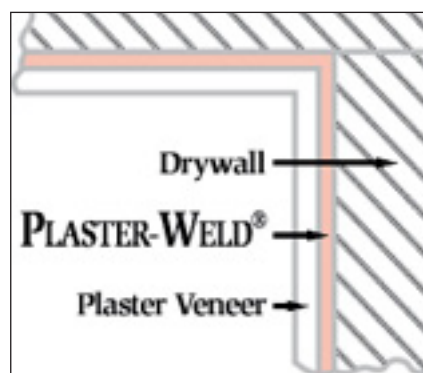


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Preparation & Execution:

- Surfaces to receive Plaster-Weld® MUST BE STRUCTURALLY SOUND AND CLEAN, free from loose material, dust, dirt, oil, grease, wax, loose paint, mildew, rust, laitance, or efflorescence. Form release agents, curing compounds, hardeners, and sealers must be compatible with Plaster-Weld®.
- Application of bonding agent: Apply Plaster-Weld® uniformly using brush roller, or spray to form a continuous pink film over the entire surface. Allow to dry one hour. (NOTE: Painted surfaces must be sound, washable and firmly adhered to the substrate. Glossy painted surfaces should be dulled with an abrasive. Wait 60 days before applying bonding agent over newly painted surfaces. Application of wallpaper to newly bonded plastered surfaces should be delayed 90 days.)
- Inspection of bonding agent: Prior to applying plaster, inspect bonding agent application to assure a continuous pink film over the entire bonding surface. Reapply Plaster-Weld® over areas not satisfactorily covered.
- Apply a white skim coat of plaster 1/16 to 3/16 inch thick over Plaster-Weld® direct to concrete ceilings and other structural surfaces as shown and specified (the mixing, application and finishing of white coat shall be as specified for regular white finish coat). At contractor's option, Plaster-Weld® and a white skim coat of plaster may be applied on interior ceilings, walls, beams and columns in place of smooth or rubbed concrete surfaces as shown or specified. (NOTE: Plastering can begin immediately as soon as bonding agent is dry to the touch [allow 1 hour] or delayed a week to 10 days with no effect on bond.)



Plaster-Weld® Warranty

Plaster-Weld® is suited for the purposes described when used according to directions. Buyer agrees in purchasing this product that the Seller's liability for breach of warranty shall in no case exceed the price of the product. Because of the broad range of conditions beyond our control which may be encountered in the use of the product, Larsen Products Corp. makes no other warranty, express or implied, and no agent or other person is authorized to do so. Nevertheless, we will be glad to provide information about any type of installation you may request.