

SILPRO

WELD-O-BOND

Water-Based
Interior/Exterior
Ready to Use
Long Open Time

SILPRO CORPORATION / 2 NEW ENGLAND WAY / AYER, MA 01432-1514 / 800-343-1501 / 978-772-4444 / FAX 978-772-7456 / WWW.SILPRO.COM

Silpro Weld-O-Bond Bonding Coat is specifically formulated for bonding Portland cement mixes to interior or exterior concrete or masonry surfaces and gypsum mixes to interior concrete, masonry, or plaster surfaces.

Use **Weld-O-Bond** to bond **Silpro Concrete Finish**, **California Stucco**, **Easy Patch**, or **VO Patch** to concrete or masonry walls.

ADVANTAGES

- Bonds new concrete and plaster to compatible surfaces.
- Bonds to old or new concrete, brick, stone, tile, drywall, wood, marble, concrete block, or rigid polystyrene foam insulation.
- May be applied over damp or dry surfaces as well as “green” concrete.
- Increases working time of mortars by reducing water absorption on porous surfaces.
- Eliminates time, expense, and added weight and thickness of mechanical systems of attachment.
- Heavy bodied — won’t sag.
- Ready to use.
- Not affected by weather once covered.
- Non-flammable.

When patching, prime the chipped or spalled areas with **Weld-O-Bond** to insure a strong, weather-resistant patch. Assures a strong bond between the new floor slab or topping coat and the old slab.

TEST DATA

Shear Bond Adhesion Test: Meets the requirements of ASTM-C-1059-91. Tests were performed using Test Method ASTM-C-1042-91 (Slant Cylinder).

Type I Latex (Interior Test) 490 psi.

Type II Latex (Exterior Test) 1360 psi.

SURFACE PREPARATION

High pressure power wash (3500 psi) or mechanically clean the surface to sound concrete, free of dirt, waxes, paint, curing compounds or any other bond-inhibiting materials.

Glossy, painted surfaces should be dulled by sanding. New latex paint must have cured for 7 days and oil-based paint must have cured for 30 days. All paint or other coatings must be firmly adhered to surface.

TEST FOR SUITABILITY OF SURFACE

Brush or roll a coat of **Weld-O-Bond** onto a small area of the prepared surface. Embed a 12" piece of fabric in the wet **Weld-O-Bond** leaving a 4" tail. Allow to dry overnight. Pull the tail with a continuous pressure. If fabric and the **Weld-O-Bond** pull off easily, then the surface is not suitable and further preparation and re-testing is necessary.

APPLYING

Stir **Weld-O-Bond** before using. Do not shake or use mechanical mixer. Apply **Weld-O-Bond** by brush, roller, or spray. Use a brush on all rough or uneven surfaces to get the **Weld-O-Bond** into the crevices. Spray equipment should deliver 30-40 psi at nozzle and displace 6 cfm. Coat surface completely. Apply the concrete, mortar, plaster, or stucco while the **Weld-O-Bond** is tacky or dry.

When bonding new plaster to old plaster or blueboard, dilute **Weld-O-Bond** 1:1 with clean, potable water.

Note: **Weld-O-Bond** will re-emulsify, only once, during a period of at least two weeks after it has been applied to the substrate when the moisture in the Portland cement or gypsum mix comes in contact with it. Keep the coating of **Weld-O-Bond** dry (free from running water) until then.

Clean Up: Immediately clean tools with water. If **Weld-O-Bond** is allowed to dry it must be mechanically removed.

For Customer Service, Call Silpro at 1-800-343-1501

CURING

Cure all cement work as recommended by the Portland Cement Association but do not allow standing water to remain on newly placed floors.

LIMITATIONS

- **Weld-O-Bond** should be applied only when the temperature of the air, surface, and material is above 50°F. (10°C.).
- Do not allow **Weld-O-Bond** to freeze in storage or shipment.
- **Do not apply:**
 - where hydrostatic pressure is present in the surface
 - over frozen concrete or dead plaster
 - over water-soluble coatings
 - over wallpaper.
- Keep surface free of dust and debris prior to the application of the topping.
- Do not use in below grade exterior wall applications.

PACKAGE SIZE

1 Gallon plastic jug (3.79 L.)

5 Gallon plastic pail (18.93 L.)

55 Gallon lined steel drum (208.18 L.)

COVERAGE PER GALLON:

Concrete block or brick: 150-200 sq. ft. (14-19 sq. m)

Concrete or dense masonry: 250-300 sq. ft. (23-28 sq. m)

SHELF LIFE

1 year, when stored in unopened containers at 50° F – 80° F.

CAUTION!

Contains Vinyl Acetate Copolymer. If swallowed call physician immediately.

Use with adequate ventilation. Avoid breathing concentrated vapors. Use a NIOSH/MSA approved respirator if vapor or mist levels are irritating. Safety goggles and protective gloves are recommended.

First aid: In case of contact with your eyes, rinse thoroughly with water. If swallowed, do not induce vomiting. If vomiting occurs keep head below hips to prevent breathing liquid into lungs. In each instance, **call a physician immediately.** If contact on skin, wash with soap and water.

Spills and Disposal: Absorb with cat litter, sawdust, or other absorbent material. Place in a covered container and dispose of in accordance with local, state or federal regulations.

See Material Safety Data Sheet for detailed information.

**FOR COMMERCIAL USE ONLY.
NOT FOR INTERNAL CONSUMPTION.
KEEP OUT OF REACH OF CHILDREN.**

In case of a medical emergency or for information regarding spillage clean up or disposal call INFOTRAC: 800-535-5053.

GUARANTEE

Silpro Corporation guarantees that their products are made of the finest raw materials under exacting care to produce products of the highest quality and will perform as stated when used in accordance with the manufacturer's printed instructions.

Improper mixing, incorrect application or other factors beyond the control of the manufacturer may produce unsatisfactory results and cannot be held to be the manufacturer's responsibility. Silpro accepts no responsibility beyond the purchase price of the Silpro product used.

For further product information on **Weld-O-Bond** consult your local dealer or call Silpro Corporation at: **1-800-343-1501, 1-978-772-4444, FAX 1-978-772-7456.**

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