

# FIBERWALL™ SURFACE BONDING CEMENT

## WALL FIRMA, INC.

Waterproofing and Repair Products Since 1949.  
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### SANDED, FIBERGLASS-REINFORCED

#### DESCRIPTION:

Fiberwall is specially formulated fiberglass reinforced surface bonding cement. When used according to directions, Fiberwall will waterproof, reinforce, beautify and restore masonry surfaces. Fiberwall will provide a long-lasting, durable surface that can be painted over and finished in many different surfaces styles.

#### USES:

Fiberwall can be used in the following applications:

- For surface bonding concrete block walls in residential and commercial construction.
- As an exterior finish for basement walls and foundations.
- For resurfacing cracked concrete block surfaces.
- For sealing coal mine tunnel stoppages.

#### ADVANTAGES:

- No mortar needed to lay block. It is recommended the course on the footer be mortared
- Economical to use and install
- Exterior and interior walls are finished in one operation.
- Durable and virtually waterproof.
- Eliminates parge coating of foundation below grade.
- Fire resistant.

#### SURFACE PREPARATION:

##### EXISTING MASONRY SURFACES:

Fiberwall can be used to repair and restore existing masonry walls and make the surface virtually waterproof. Any surface to which Fiberwall is to be applied must be sound, plumb, and free of any material that may interfere with special bonding action of Fiberwall, such as oil, grease, forming compounds and efflorescence. Any surface containing such compounds

must be thoroughly cleaned. Efflorescence is a white, salt like deposit on block or cement walls. To remove efflorescence effectively use a ten percent solution of muriatic acid and water. Be sure to follow the manufacturers instructions before using muriatic acid. Repair all cracks and holes, including active water leaks, with Firma Plug Leakstopping Hydraulic Cement. When applying Fiberwall to a non-porous surface (previously painted) where additional bonding is required, use Firma Bond bonding additive.

##### NEW MASONRY OR BLOCK WALLS:

When applying Fiberwall to a new surface be sure to use clean, quality material and accepted construction techniques. Footers must be sound and level. The first course of block should be set into mortar to set approximately four hours. Stack remaining courses of block in a running bond pattern. Be sure blocks fit snugly and butt tightly together.

Remove any burrs or appendages on the blocks to insure good fit. Check every third course of block for plumb and straightness. A straight, plumb wall will have an excellent appearance after application of Fiberwall.

##### MIXING INSTRUCTIONS:

Use only a clean mixing container, tools and potable water.

Place approximately two gallons of water into the mixing container. More water (1/4 gallon) may be added during mixing to create a smooth creamy consistency. Add 50 lb. of Fiberwall to the container slowly, constantly mixing as it is added. mix thoroughly to remove all lumps. If necessary add slightly more water to create a creamy textured mix. When using a mechanical mixer, keep mixing to a minimum. Fiber damage will result from over mixing. Mix only enough Fiberwall that can be used in 30 - 40 minutes. Keep a smooth

consistent mix. Should the mix become too thick and difficult to trowel, it is best to prepare a fresh mix. Should the mix start setting early, it can be retempered using small amounts of water.

#### APPLICATION:

Fiberwall should be applied to a damp wall. Do not saturate the blocks. If the blocks are saturated or rain soaked, allow the blocks to dry out a little before applying Fiberwall.

When applying Fiberwall mix, it is suggested that it is troweled fully into the surface. Apply generously and fully into the open joints and any cracks that may be present. Cover the surface with a coating of 1/8" minimum thickness. It is recommended that Fiberwall be applied to both sides of the wall.

When applying the second coat of Fiberwall, allow the first coat to dry for 24 hours. Slightly dampen the surface and proceed as in step #2. Fiberwall can be brushed, troweled or sprayed into the surface. Do not apply to frost covered or frozen surfaces. Do not apply when surface temperature is expected to be below 40°F or when the temperature is expected to be below 40°F within 24 hours of application.

#### COVERAGE:

Depending on surface porosity, coverage will vary. However, at 1/8" thickness, a 50 lb bag will cover approximately 50 sq. ft.

#### CURING:

Keep the surface of Fiber wall slightly damp for 48 hours after application. Depending on atmospheric conditions, dampen slightly once or twice a day.