

# WALL DRI® FOUNDATION COATING

## HEAVY DUTY WATERPROOF CEMENT COATING

### WALL FIRMA, INC.

*Waterproofing and Repair Products Since 1949.*  
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### FOR EXTERIOR, BELOW-GRADE CONCRETE

#### DESCRIPTION:

Wall Dri Foundation Coating is a cement based, heavy duty waterproof coating designed specifically to protect and waterproof concrete, masonry, or block foundation below grade. It is not intended for use as a decorative coating. Wall Dri Foundation Coating is usually applied with a tampico bristled brush; however, it can also be mixed to a heavier consistency by adding clean sand and applied with a trowel as a water proof page coat.

#### ADVANTAGES:

- Cement-base - allow it to become an integral part of the block.
- Durable - not affected by acids or alkali instil.
- Lower cost than other waterproofing systems.
- Easy to apply - no odor or mess.

#### SURFACE PREPARATIONS:

Surface to be covered must be clean and structurally sound.

Remove all stains, oil, grease, efflorescence, laitance, dirt, form treatments, film-type curing agents, mineral salts and any other material that will adversely affect a tight bond.

Clean mortar droppings from top of footer. At this point, form a cove with Wall Dri Foundation Coating mixed to a trowel mix consistency.

Point and fill all cracks, broken joints, and block corners with trowel mix foundation coating.

Tie wires must be cut back to foundation surface and form holes patched with Firma Plug.

Use Firma Plug to anchor and seal all utilities pipes that penetrate the foundation walls.

#### MIXING:

Pour dry material into clean mixing box or container.

Add clean water in sufficient amounts, while stirring or mixing to create a heavy batter consistency.

Allow mix to "set" for approximately 15 - 20 minutes before using. After mix sets, stir to mix to uniform consistency. If the mix is too heavy, add a small amount of water. Make sure any powder that may be on the bottom of the container is thoroughly mixed. While applying, occasionally stir the mix to maintain a smooth consistency.

#### APPLICATIONS:

Slightly dampen the surface to be coated with clean potable water. Keep surface damp until coated.

Using a tampico bristled brush, apply the Wall Dri Foundation Coating to the wall.

Generously apply the coating by "laying" it on the wall and then smoothing it out in one direction. (Horizontal is recommended).

Should the wall start to dry out or material begin to "pull" when being applied, dampen the wall more.

#### DO NOT THIN THE MIX.

Under most normal conditions, it is recommended that two coats be applied, especially to the area of the first joint at the footer.

For severe water pressure problems it is recommended to brush a normal coating.

After 12 - 16 hours, mix a trowel coat (by adding about 20 lb white silica sand to mix) and apply to the surface very generously to bring

the surface to true and level lines. When mixing this trowel grade, add one part Firmacryl to three parts clean water to create the mixing liquid.

#### LIMITATIONS:

- Do not apply to frost covered or frozen surfaces.
- Do not apply when temperature is below 40°F (4.4°C) or when temperature is expected to be below 40°F (4.4°C) within 24 hours of application.
- Do not excessively dampen walls during early spring, winter, or late fall months when using on an exterior surface.
- In hot, humid or windy weather the finished surface should be fog sprayed hourly to prevent too rapid drying.
- If used on inside of cistern or water container, let surface coating dry for 48 hours, then thoroughly rinse with a salt solution (one pound salt per gallon of clean water). Rinse the surface with clean water and remove all standing water from the cistern. Allow the cistern to dry another 24 - 48 hours before filling with water.

#### TECHNICAL SUPPORT DATA:

See Technical Data Sheet.