



CONSUMER PRODUCTS

THOROSEAL® FOUNDATION COATING

Thoroseal® Foundation Coating is specifically designed to waterproof the exterior surface of concrete and masonry below grade. Normally applied with a push broom or tampico brush, it can also be mixed with clean, washed sand and applied as a superior waterproofing parge (trowel applied) coating. Thoroseal® Foundation Coating is not intended as a decorative finish coat. It is used to waterproof foundations below grade or waterproof back coating between face brick and back-up units.

Surface Preparation

Surface to be coated must be clean and structurally sound. Remove all dirt, grease, oils, efflorescence, mineral salts, form oil, laitance, film type curing agents, etc. Clean mortar droppings from top of footer. Form cove with Thoroseal® Foundation Coating mixed to a mortar consistency. Point and fill all broken corners of block and breaks in surface. Cut the wires back at least 3/4" (1.9 cm) and patch with Thorocrete® (or Waterplug®). Seal/anchor all pipes, etc. that pierce foundation walls in place with Waterplug®.

Mixing

Mix Thoroseal® Foundation Coating with a mixing liquid consisting of a blend of Acryl® 60 diluted with clean water. Dilution ratio is 1 part Acryl® 60 to 3 parts water. Approximately 6 quarts (5.7 L) of mixing liquid is required per 50 pounds (22.7 kg) of Thoroseal® Foundation Coating. Water demand may vary with ambient temperatures and humidity levels. If a power mixer is used, gradually add the powder to the mixing liquid while the mixer is running. Allow at least 10 minutes of "rest time" to fully wet out the powder. Then remix and apply. A small amount of mixing liquid can be added to this remix to a batter consistency. Under normal conditions, the open time is 45-60 minutes.

Application

Thoroughly dampen masonry or concrete surface before applying Thoroseal® Foundation Coating with a standard garden sprayer or hose. Note: Do not apply as a thin paint coat. Lay it on the wall and level it out. If wall becomes dry or mix starts to pull during application, dampen the wall again. Do not over thin the material. Apply second coat and finish with a vertical stroke.

For ordinary water pressure or dampness in block or concrete foundations

Apply two evenly distributed applications of Thoroseal® Foundation Coating, each a minimum of 2 lbs/yd² (1kg/m²) or a total of 4 lbs/yd² (2 kg/m²). Allow 24 hours between applications. Make sure both applications carry down to and over the footer, forming a 1-1/2" (38cm) cove at the junction of walls and footers.



Add ACRYL® 60
for peak
performance

For severe water pressure or dampness in block or concrete foundations

Apply evenly distributed coat of Thoroseal® Foundation Coating at a minimum of 2 lbs/yd² (1kg/m²). After 12 hours, apply trowel coat a minimum of 12 lbs/yd² (5.4 kg/m²) or sufficient material to bring surface to true and level lines. For trowel application (parge coat) add 25 pounds clean silica sand to each 50 pounds of Thoroseal® Foundation Coating. Make sure both applications carry down to and over the footer, forming a 1-1/2" (38cm) cove at the junction of walls and footers.

Coverage

225 ft² per 50 pounds at 2 lbs/yd² (20.9 m² per 22.7 kg bag). Coverage figures are approximate. Sufficient material must be applied to completely fill and seal all holes, pores and voids.

Special Instructions

Do not apply on frost-covered masonry, frozen walls, or when the temperature falls below 40°F (4.4°C), or is expected to within 24 hours. Do not dampen walls excessively in fall, winter or spring months for outside applications. If application is made during exceptionally hot or windy weather, finished surface should be fog sprayed several times during the day to prevent too rapid drying, only after application has had at least 4 hrs. to initially set. Not intended as a decorative finish coat. Do not apply to substrates with active water leaks or moving cracks.

For specific application guidelines, call 1 (216) 839-7171, or go to www.thoroproducts.com

