



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 1.9 cm (3/4") and patch with Thorite® (or Waterplug®). Anchor all pipes, etc. that pierce foundation walls in place with Waterplug®.

Mixing

Pour dry material into mixing container or mortar box, round out center and gradually add clean water to bring consistency of heavy batter, 7.5 liters per 27.2 kg (approximately 2 gallons of water per 60 lbs.). When power mixing, add material to the water. Stir. Allow 10-15 minutes soaking time to fatten mix. When ready to apply, a small amount of water may be added if necessary to retemper mix to batter consistency. Make sure all powder at bottom of container has been thoroughly mixed to ensure a well blended batch. Stir just before placing. Thoroseal® Foundation Coating sets slowly so that enough can be prepared to last for 45-60 minutes under normal conditions.

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.

For ordinary water pressure or dampness in block foundations

Apply two evenly distributed applications of Thoroseal® Foundation Coating, each a minimum 1 kg/m² (2 lbs. per sq. yd.) or a total of 2 kg/m² (4 lbs. per sq. yd.). Make sure both applications carry down to and over footer forming a 3.8 cm (1 1/2") cove at junction of walls and footer.

For ordinary water pressure in concrete foundations

Apply one coat, minimum of 1 kg/m² (2 lbs. per sq. yd.), followed by 2nd coat minimum of .5 kg/m² (1 lb. per sq. yd.). Use Acryl® 60 in the mixing water.



Add ACRYL® 60
for peak
performance

For severe water pressure

Brush on coating using 1 kg/m² (2 lbs. per sq. yd.). After 12 hours, apply trowel coat of a minimum 6 kg/m² (12 lbs. per sq. yd.) or sufficient material to bring surface to true and level lines. For trowel applications, add 13.6 kg (30 lbs) clean silica sand to each 27.2 kg (60 lbs) of Thoroseal® Foundation Coating. Treat footer as described previously in all applications. Use Acryl® 60 in the mixing water.

Parge Coat

For masonry walls where local codes require a parging coat. Excellent mix: 13.6 kg (30 lbs.) clean silica sand to each 27.2 kg (60 lbs.) of Thoroseal® Foundation Coating. After 24-48 hrs., brush on a coating of 1 kg/m² (2 lbs per sq. yd.).

Coverage

25.5 m² per 27.2 kg at 1 kg/m² (270 sq. ft. per 60 lbs. @ 2 lbs per sq. yd.). Coverage figures are approximate. Sufficient material must be applied to completely fill and seal all holes, pores and voids.

For firmest bonding qualities

Add Acryl® 60 to the mixing water. Proportions can vary depending on bonding requirements. Normal proportions are 1 part Acryl® 60 to 3 parts clean water (approximately 1.8 liters [2 quarts] of Acryl® 60 per 27.2 kg [60 lbs.] and 6-7 quarts of water). For questionable applications, a test patch is recommended. Acryl® 60 greatly improves mechanical properties within Thoroseal® and adhesion to smooth or dense concrete.

Special Instructions

Do not apply on frost-covered masonry, frozen walls, or when the temperature falls below 4.4°C (40°F), 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.

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

