

# WaterShield

## Interior/Exterior

**DESCRIPTION:** Safecoat WaterShield is a clear, versatile, controlled penetration water repelling sealer which provides an invisible barrier against water and resists oils, grease and similar liquids. It is fast drying, has excellent adhesion, and is easy to apply. In addition to sealing and providing a protective barrier against water migration, it helps to harden, dust proof and control efflorescence in masonry surfaces. It is not toxic, non-flammable, lead and formaldehyde free and does not contain surface contaminating silicones, making it a desirable coating for interior or exterior use. Dries clear and does not discolor.

**USE ON:** Porous cementitious materials such as concrete, stucco, brick, block, terrazzo and unglazed tile. Can also be used to add water repellency to exterior vertical wood siding when applied over Safecoat DuroStain.

**PRODUCT NUMBER AND CONTAINER SIZE:**  
31109 (gallon) and 31309 (five gallon).

**SURFACE PREPARATION:** All surfaces must be clean, dry, free from dirt, dust, loose sand, mildew, efflorescence or any other foreign matter. The pH of the material to be sealed must be as close to neutral as possible, and definitely below 10. If the surface has been acid washed, for example to remove efflorescence, it must be thoroughly clean water rinsed and neutralized. Similarly, once mildew has been removed, for example by washing with chlorinated household bleach, the surface must be thoroughly rinsed with water and all bleach residue removed. Always use care with bleach and acid, and be sure to read and follow all warnings, label instructions and MSDS. Power wash, brush or scrape all surfaces and be sure to have a good, sound substrate before application of Safecoat WaterShield. Repair cracks, holes and repaint concrete block if necessary.

**WARNING:** Caution must be used when removing coatings from existing surfaces. Surfaces should be checked for lead content. Sanding may create a dust or dust particles that may contain lead, a hazardous substance. Avoid the creation and breathing of any dust particle. Always wear protective equipment. Breathing or eating lead containing dust or debris can cause health problems, especially in children or pregnant women.

**APPLICATION:** Always use adequate ventilation. Apply one coat with brush, roller, lambswool applicator or low pressure spray. When applying on vertical surfaces, start at the lower level and spray upwards. Flood until Safecoat WaterShield runs to assure complete saturation. On horizontal surfaces allow to sit for about ten minutes and remove any excess. Try to avoid puddling. Note: before using, check with water on test areas to be sure there is penetration. If there is none, do not use. *Note: these instructions are intended to be general only and not exhaustive. The applicator should determine which*

*preparation and techniques are best suited to the specific surface.*

**COVERAGE:** One gallon of Safecoat WaterShield covers approximately 250-300 square feet in one coat depending on method of application and surface porosity.

**THINNING:** No reduction is required.

**CLEAN-UP:** Clean tools and equipment while still wet with a solution of **SafeChoice Super Clean** and warm water.

**DRYING/CURING TIME:** Under normal conditions, Safecoat WaterShield dries within 2 hours and cures hard in 24 hours. Normal conditions include a clean, dry surface, access to fresh air flow, a dust free environment, moderate humidity, and temperatures above 55 degrees F. Thick application, high humidity or conditions other than normal will cause Safecoat WaterShield to dry and cure more slowly.

**LIMITATIONS:** Unlike conventional sealers, Safecoat sealers are made without formaldehyde preservatives or toxic mildewcides or fungicides. Do not contaminate. Store in airtight containers. Do not use when indoor or surface temperature is below 55°F. Do not apply where product will be immersed in water, such as fountains, pools or below ground area. Do not freeze.

**HEALTH PRECAUTIONS:** As with all coatings and sealers, keep container tightly closed and out of the reach of children. Do not take internally. Always use adequate ventilation. *If you are chemically sensitive, always test for personal tolerance.*

**LIMITED LIABILITY:** Safecoat® products are guaranteed not to be defective when properly applied. Liability express or implied is limited to replacement of product or refund of purchase price and does not include liability for labor costs or consequential damages. Variable factors out of manufacturer's control, such as environmental conditions, application techniques, and surface conditions are critical to results obtained. Users are expected to exercise reasonable care to determine suitability of the product for each application. This limited warranty may not be modified or extended by manufacturer's representatives, distributors or dealers of AFM products. **We particularly recommend that users always test in small inconspicuous areas before application to the entire surface.**