



Expo Water Seal

Water Based Silicone Sealer

DESCRIPTION:

Expo Water Seal is a ready-to-use penetrating water repellent for use on various Portland cement substrates. It is a non-yellowing, non-film emulsion that prevents the intrusion of water into Portland cement surfaces such as exterior stucco colorcoat, pre-cast and poured-in-place concrete, masonry surfaces such as brick & block, etc. Expo Water Seal does not alter the appearance of treated surfaces. It is vapor permeable, non-flammable and VOC compliant.

USES:

Expo Water Seal is used on above-grade, vertical surfaces such as exterior stucco colorcoat, precast, prestressed, exposed aggregate and poured-in-place concrete and masonry surfaces. It protects against water penetration, efflorescence and spalling due to freeze-thaw weather cycles. Expo Water Seal also protects against UV degradation, airborne dirt, water runoff stains, acid rain and other atmospheric chemicals.

COMPOSITION:

Expo Water Seal is a proprietary water based formulation containing silconate oligomers.

COVERAGE:

Exterior Stucco Colorcoat.....	80-100 sq. ft. per gallon
Precast Concrete	125-150 sq. ft. per gallon
Brick.....	50-100 sq. ft. per gallon
Concrete Block.....	40-75 sq. ft. per gallon
Sandstone	40-75 sq. ft. per gallon
Smooth Stone & Tile	150-250 sq. ft. per gallon
Mortars & Grouts.....	40-75 sq. ft. per gallon

APPLICATION TECHNIQUE:

Expo Water Seal may be applied by a low-pressure airless sprayer, brush or roller.

ADVANTAGES:

- Prevents stains caused by water runoff and moisture penetration
- Alleviates efflorescence caused by moisture saturation
- Protects against ultraviolet degradation
- Dries clear, non-yellowing, non film-forming
- Protects against damage caused by freeze-thaw cycles
- VOC compliant, vapor permeable
- Simple to use, one-step application

APPLICATION INSTRUCTIONS:

Surface to be treated should be structurally sound, clean, dry and free of dust, dirt, paint, efflorescence or any other contaminant which would prevent proper penetration of Expo Water Seal.

Expo Water Seal is ready-to-use with no mixing. To ensure uniform coverage, apply this product from the bottom up. Apply a saturation coat until a runoff occurs moving up the wall. Immediately follow this with a light mist spray always working to wet-edge. This process will provide complete coverage and eliminate any holidays.

NOTE: Always apply a test patch to evaluate surface appearance and effectiveness of the coverage rate.

SURFACE PREPARATION:

Take care that the surface is structurally sound, clean and free of dust, silicones, efflorescence or other contaminants. If the receiving surface is questionable, please contact your Expo Stucco sales representative.

CAUTIONS:

Clean all drips, runs and overspray residue while still wet. Protect all surrounding surfaces from overspray, splashes and runoffs. Protect all glass or metal surfaces from direct contact. Do not use on asphalt and use only in well ventilated areas. Do not use when temperature will drop below 40 degrees F within 48 hours or is above 100 degrees F.

Expo Water Seal may be irritating to eyes and skin. Wear appropriate safety equipment during use i.e., small particle dust mask, safety goggles and gloves. In case of eye contact, flush eyes repeatedly with water and see a physician. DO NOT RUB EYES. Wash hands and arms with soap and hot water after use. KEEP AWAY FROM CHILDREN AND ANIMALS. Do not take internally. Consult Material Safety Data Sheet for further information.

PACKAGING AND STORAGE:

Expo Water Seal is available in 1 gallon plastic bottles, 5 gallon plastic pails and 55 gallon drums. Store in protected areas away from direct sunlight. Storage temperature range is 50 to 100 degrees F. Do not allow Expo Water Seal to freeze.

SHELF LIFE:

When properly stored, 1 year in unopened, original container.

TECHNICAL SERVICE:

For technical service regarding application or acceptability of surface to be treated, please contact your Expo Sales Representative.