



# Super Blockade

## Cementitious Waterproof Coating



### DESCRIPTION:

- Super Blockade is a propriety formulation of portland cements, graded aggregates and chemical additives.
- A polymer modified, one component, waterproofing coating for use over Portland cement, concrete and masonry surfaces. It is designed to fill and seal the pores and voids of the surface being treated to prevent the intrusion of moisture. When properly applied, Super Blockade becomes an integral part of the wall.

### COLOR:

- White or Gray

### USES:

- Super Blockade waterproofs portland cement surfaces above and below grade such as; plaster brown coat, concrete block, poured in place concrete, pre-cast concrete, tilt-up walls, brick and stone. Ideal protection for: Cement, plastered walls, concrete foundations, block walls, reservoirs, tunnels, bridges, water tanks, brick structures or any other concrete, cement or masonry surface subject to moisture related damage. Ideal protection for block walls prior to back-filling. Super Blockade is normally applied to the surface exposed to the moisture.

### FEATURES:

- Requires only water for mixing
- Simple application
- Decorates as it protects
- Eliminates leakage caused by moisture saturation
- Prevents moisture damage such as; efflorescence, spalling, crumbling, discoloration, etc.
- Permanent protection
- Economical
- Non-Toxic, VOC compliant

### COVERAGE:

- Coverage rate or amount of Super Blockade required to complete the job will depend on the surface porosity, texture and thickness. At 1/16 inch (1.5 mm) thickness a 50 lb bag will cover approximately 200 sq. ft. (18.6 m<sup>2</sup>). Two coats are required for the positive (source of moisture) side, or two coats or more for the negative side.

### COMPOSITION:

- Super Blockade is a unique, proprietary formulation of specialty portland cements, graded aggregates and specific chemical additives for plasticizing and waterproofing.

### CONTAINER:

- 50 lb bags.

### STORAGE:

- Store off ground and protect from rain and moisture.

### CLEAN-UP:

- Clean all tools and equipment with water and detergent immediately after use. Clean all spills or splatter before Super Blockade is allowed to dry.

### SURFACE PREPARATION:

- All receiving surfaces must be structurally sound, clean, free of dust and dirt, silicones, paint products, efflorescence, or any other contaminant that could hinder bonding ability. Allow new cement and masonry surfaces to fully cure (approximately 28 days) prior to application.

- Surface cracks, holes or voids should be repaired. Smooth surfaces must be cleaned in an abrasive manner (high pressure water blast, scraping, sanding or sandblasting) to open surface pores and allow for a good bond.
- Painted surfaces must be clean and all PAINT REMOVED: surfaces pores should be open to allow for good.

### MIXING:

- Approximately 1.5 to 2 gallons (5.5 to 7.5 ltr) of clean, potable water are required for each 50 lb. (22.25 kg) bag of Super Blockade. It must be mechanically mixed at a slow speed to produce a smooth workable consistency.
- Pour about half the required water into a clean container and begin slow speed mixing while slowly adding Super Blockade. Gradually add more Super Blockade and water and bring the mixture to the consistency of heavy pancake batter. Do not over air entrain with excessive mixer speed. Stop mixing and allow mixed material to stand (fatten) for 10 minutes and then remix. If necessary, add more water to achieve a brushing consistency.

### APPLICATION:

- Surfaces being treated should be evenly wetted with clean water to control suction. Apply Super Blockade with either a 6 "masonry brush or a tampico bristle 10" push broom. After loading bristles, apply a heavy coat using long, even, horizontal strokes so that all surface pores and voids are filled. Ensure the material is evenly distributed to avoid excessive build-ups.
- Important: Brush strokes must be in one direction only. For maximum protection, apply a second coat in the same fashion after the first coat has set up.
- Allow 12 to 24 hours between coats, not more than 24 hours.
- Note: Super Blockade is normally applied to the surface exposed to the moisture.



**LIMITATIONS:**

- Do not apply over frozen or frost-filled surfaces. Do not use when ambient temperature exceeds 100°F or falls below 40°F within 48 hours after application. Do not apply on traffic bearing surfaces. Allow Super Blockade to cure for at least 10 days before filling spas, pools, water tanks, etc. with water.

**WARNING:**

- Read complete Warning information printed on product container prior to use. For medical emergency information, call 1-800-424-9300.
- For more information on handling this product refer to its Material Safety Data Sheet (MSDS). The most current MSDS and Product Data Sheet (PDS) can be found on our website.
- This Product Data Sheet has been prepared in good faith on the basis of information available at the time of publication. It is intended to provide users with information about the guidelines for the proper use and application of the covered product(s) under normal environmental and working conditions. Because each project is different, Parex USA, Inc. cannot be responsible for the consequences of variations in such conditions, or for unforeseen conditions.
- Super Blockade is alkaline on contact with water and may be irritating to eyes and skin. Wear appropriate dust, skin and eye protection when using. For eye contact, flush immediately with water. If irritation persists, consult a physician. Keep out of childrens reach.
- This product can expose you to chemicals including Crystalline Silica, known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

**TECHNICAL DATA:**

Test	Method	Results
Compressive Strength	ASTM C-109	7 day: 3900 psi 28 day: 5200 psi
Tensile Strength	ASTM C-190	7 day: 365psi 28 day: 560 psi
Water Absorption	ASTM C-67	24 hours: 4.2%
Water Beading		Excellent
Wet Abrasion Resistance		Excellent
Accelerate Weathering	ASTM G-23 (Carbon Arc)	2000 hours: No surface cracking, blistering, flaking, chalking, crazing, or any other deleterious effects
Salt Spray	ASTM B-117	No effect after 300 hours
Freeze/Thaw	ASTM C-67	50 cycles: Passed
Hydrostatic Pressure	ASTM D-4068	72" limit of water Manometer: No leakage

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