

## Water-Tite 200 Barricade

### Interior & Exterior Elastomeric Coating

#### Product Description

It is a water proof elastomeric decorative water-based coating for above-grade exterior surfaces such as stucco, concrete block. Formulated from a blend of acrylic polymers, Pioneer Pro Water-Tite 200 Barricade offers long-term exterior durability and retention of elasticity. It has matte or semi gloss finish.

#### Key Features

- Very good waterproofing quality
- Elastomeric properties
- Outstanding adhesive and cohesive strength
- Superior weathering properties
- Breathable film
- Water-based system which is easy to clean-up
- Fungus or mildew resistant



#### Applications

It is ideally recommended as finishing coat to the following:

1. Stucco
2. Brick
3. Above-grade concrete (cast-in-place and pre-cast)
4. Concrete block and other properly prepared surface where highly durable elastomeric and waterproofing coating is required.

#### Application Procedure

##### Surface Preparation

**Previously coated surfaces.** Mildew and fungus must be removed from the surfaces before application of Water-Tite 200 Barricade to deter subsequent growth. Wash surface vigorously with a solution of 1 table-spoon of detergent and 1 to 2 pints of liquid bleach in 1 gallon of water (0.125 to 0.25L of water). Rinse thoroughly with clean water and follow direction below. Pressure clean (2100 psi min) to remove all dust, dirt, oil and grease, loose particles, laitance, foreign materials, peeling and aged coating and chalk. Allow surfaces to dry before proceeding (at least 24 hours or longer if the surface is porous).

**Crack Repair.** Chip or grind out cracks larger than hairline. Bridge crack with Pioneer brush-grade patching compound: brush a narrow band directly over crack. Feather out edges using brush, sponge or other means to match substrate texture and reduce telegraphing of patches through the

#### Product Specifications / Typical Properties / Physical Characteristics

##### Table 1: Physical Properties (Uncured)\*

Parameters	Results
Appearance	No surface defects
Color	White, Off-white, Cream, Ivory, Gray, Beige, Olive Green, Aqua Green, Royal Blue, Aqua Blue, Tile Red, Brick Red. Special colors are available upon request
%Solid by Weight	40 - 60
Density, g/mL	1.10 - 1.30
Viscosity @29°C, KU	>80 KU
pH	7.5 - 9.5

##### Table 2: Physical Properties (Cured)\*

Parameters	Results
Opacity, 150 microns wft	>95%
Tensile Strength, N/mm <sup>2</sup>	12
%Elongation	75%
Water Absorption Test, 3 days	3%

finish coat. On textured substrate, texturized patching compound mat should be used to minimize the telegraphing. Dynamic or moving cracks should be routed to ¼" by ¼" then filled Pioneer Pro Flex-O-Seal. Once Flex-O-Seal is tooled and cured, proceed with crack repair as above. Cracks smaller than hairline can be bridged with knife-grade or brush-grade patching compounds.

**Sills.** All stucco windows sills (primed if required) should receive a coat of brush-grade patching compound to render smooth surface.

**Parapet.** Do crack repair and treat backside of parapets in the same manner as exterior walls, terminating at roof counter flashing. If top of parapet wall is exposed masonry, apply a coat of patching compound to create a smooth, well-drained surface. Recaulking of reglet may be required.

**Columns.** Caulk all structural and decorative columns with Pioneer Pro Flex-O-Seal. Allow Flex-O-Seal to cure before proceeding. If movement is anticipated at the junction of dissimilar substrates (e.g. stucco to concrete or concrete to block), properly seal with Pioneer Flex-O-Seal.

**Window Caulking.** Recaulking of old windows is essentials in the waterproofing and renovations of existing structures. Perimeters joints and mullions should be inspected and resealed as required.

#### **New Construction**

Stucco (Trowel led, floated or blown on). All stucco must be cured for at least 28 days prior to application of Water-Tite 200 Barricade. Surfaces should be clean and free of oil and grease. Remove all loose particles, laitance and other foreign materials. If the building is in a high- traffic area or expose to clean salt spray, pressure cleaning is recommended. Apply one coat Water-Tite 200 Barricade prime coat. Coverage rate will vary with the density, porosity and finish of the stucco (30-35 sq. m. per gallon). Porous substrate may require block filler following the application of Water-Tite Barricade Prime coat.

**Pre-cast and Cast-in Place Concrete (cured 28 days).** Remove all form-release agents, grease, dirt and other contaminants that may affect adhesion. Raked, texture or aggregate finishes do not require acid etching. Smooth precast or cast-in-place may require an acid etch. In such

cases the surface must be first dampened, then acid cleaned and etched with 1:1 solution by volume of commercial muriatic acid and water followed by a thorough pressure wash to removed acid. Acid concentration required may vary with the density and finish of the concrete. Allow surfaces to dry (at least 24 hours), then apply Water-Tite 200 Barricade Prime coat at a rate 30-35 sq.m per gallon in 2 coats. Finish coat must be applied in a pinhole free, continuous membrane for waterproofing integrity.

#### **Method**

Stir into a homogeneous mixture before use. Can be applied by brush or roller. Make sure that finish coat is applied in a pinhole-free, continuous membrane for maximum weatherproofing integrity. Apply at the following rated in 2 coats:

Trowel stucco	20 - 25 sq.m per gallon
Blown on stucco	15 - 20 sq.m per gallon
Block	15 - 20 sq.m per gallon
Brick	20 - 25 sq.m per gallon
Concrete	25 - 30 sq.m per gallon

#### **Cleaning**

Clean all tools or equipment used while coating is still in its uncured state. Use water to clean tools and spills. Use lacquer thinner to clean cured paint on tools and equipments.

#### **Application Equipment**

Roller

#### **Packaging**

20 L pail

4 L pail

200 L drum

#### **Storage**

Keep container tightly sealed. Store in an area with adequate ventilation. Avoid storage near extreme heat, ignition sources or open flames.

#### **Shelf Life**

24 months

**Health and Safety Precautions**

Do not handle this product until all safety precautions have been read and understood. Obtain special instructions before use. Do not breathe fume, gas, mist vapours. Wash hands and contaminated skin thoroughly after handling. Do not eat, drink or smoke when using this product. Use only outdoors or in a well-ventilated area. Contaminated work clothing should not be allowed out of the workplace. Wear protective gloves/protective clothing/eye protection/face protection.

Keep in original container, store in a dry place. Store locked up.

**KEEP OUT OF REACH OF CHILDREN.**

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