



Enviro Science Technologies

WP BLOCKADE CEMENT MORTAR ADDITIVE

(Item No. B-106)

WP Blockade Cement Mortar Additive is a water-repellent additive for mortar joints.

Advantages:

- Provides an excellent water and moisture screen.
- Spalling and sealing of blocks and pavers is eliminated.
- Minimize efflorescence, mold, and mildew.
- Uniformity of integral colors.
- Compatible with set accelerators.
- Provides exceptional strength.
- Blocks are drier, thus better insulating.
- Blocks may be painted.
- Provides lubricity and clean casting of blocks.

Technical Data:

- Type: High molecular organofunctional.
- Shelf Life: 6 to 12 months in a closed container.
- Biodegradable: Yes.
- Specific Gravity: 1.0.
- Form: Milky Liquid.
- Flash Point: None.
- Total Solid: More than 50%.
- VOC (Volatile Organic Compound): Yes.
- VOC Content: Less than 10 g/L.
- Absorption: ASTM C-140 (24 Hour Submersion Test: 98.4% effective in reduction water intrusion.).
- Water Repellency: ASTM C-67 (96% min.).
- Water Permanent Test of Masonry % of Reduction of Leakage into Block: ASTM 514-74 and ASTM E-514-86 (99.8% min.).
- Moisture Vapor Transmission Rate: ASTM E096-90 (93% min.).
- Accelerated Weathering QUV: 2500 hours (no less repellency).
- Efflorescence: NBS-883 (highly resistant).
- Permeability (treated and untreated specimen): ASTM D-1653 (minimum 80 untreated sample).

Applications: WP Blockade Cement Mortar Additive should be used at a rate of 16 oz. per 70-80 lbs. Have prepared masonry cement, or the weight equivalent of Portland and lime mortars. For example, one quart (32 oz) of WP Blockade Cement Mortar Additive would be used with a 94 lb. bag of Portland cement and 50 lbs. of hydrated lime (144 total lbs. of material), plus 6 cubic feet of masonry sand for Portland and lime type N (1-1-6) mortar mix.

Clean Up: Use warm water to clean tools and equipment.

Caution: Blockade will freeze; store at room temperature. Keep container closed when not in use to avoid contamination.

KEEP OUT OF REACH OF CHILDREN!