



Weatherblock-200™

"neat" silane water repellent for masonry & concrete

DESCRIPTION AND USE

Weatherblock-200™ is a modified, "neat" silane system that offers invisible protection and low volatility. It protects horizontal and vertical sandstone, granite, slate and other silicate stone surfaces against water and waterborne contaminants. Weatherblock-200™ is also effective on concrete and most masonry. The small molecular structure of Weatherblock-200™ ensures maximum penetration and colorless protection of dense, color-sensitive surfaces.

The absence of a solvent carrier enables applicators to achieve up to 5 times the coverage rate normally achieved with solvent-reduced protective treatments. Depth of penetration is controlled by the application rate.

Weatherblock-200™ complies with all known regulations limiting the Volatile Organic Compound (VOC) content of architectural coatings and sealers.

ADVANTAGES

- Excellent surface beading/stain resistance when compared with conventional "neat" silane systems.
- Long-lasting protection.
- Does not form a film or gloss.
- Treated surfaces "breathe" — Weatherblock-200™ does not trap moisture.
- Forms an effective chloride screen that reduces surface erosion and corrosion of rebar in reinforced concrete caused by water and water-carried salts.

Limitations

- Not suitable for asphalt or other nonmasonry materials.
- Surface and air temperatures should not exceed 90°F (32°C) at the time of application. Avoid application on hot, windy days.
- Not effective on limestone or marble. Always test natural stone to ensure desired results.
- Not recommended for below-grade applications or for use under hydrostatic pressure.

TECHNICAL DATA*

FORM: Clear to slight yellow liquid

SPECIFIC GRAVITY: 0.920

TOTAL SOLIDS: 62%

pH: N/A

WT./GAL.: 7.65 lbs.

VOC: 376 g/L

FLASH POINT: 94°F (34°C) ASTM D 3278

FREEZE POINT: < -22°F (< -30°C)

ACTIVE SUBSTANCE: Modified alkyl alkoxy silane

ACTIVE CONTENT: 100%

*Typical

PREPARATION

Protect people, vehicles, property, plants and all nonmasonry surfaces from product, splash, residue, fumes and wind drift. Divert and/or protect auto and pedestrian traffic.

If possible, install all caulking, patching and joint sealants before applying Weatherblock-200™. If impractical, test for adhesion and grind joints as required to properly prepare for caulking, etc.

Surfaces should be thoroughly clean and free of dust, surface dirt, oil, grease and other contaminants that might prevent penetration of Weatherblock-200™. Carefully inspect for dust, dirt, moisture or other contaminants that can cause Weatherblock-200™ to react and stain the material. New concrete should be thoroughly cured before application. Surfaces to be treated may be damp but should be absorbent for good penetration.

Specifier's Note — Curing New Concrete: Blanket or water curing is recommended whenever possible. If a chemical curing agent is to be used during installation of new concrete, a test area is recommended just before general application to ensure compatibility. Dissipating-type curing agents are recommended. Don't overapply the curing agent. Removal of all surface films and contaminants is necessary for best performance of Weatherblock-200™.

Surface and Air Temperatures

For maximum effectiveness, surface and air temperatures should be above 40°F (4°C) and below 95°F (35°C). Applications on windy days may cause rapid evaporation of the solvent carrier and should be avoided.

Equipment

Low-pressure, airless spray equipment is best for application. Sprayers should be fitted with solvent-resistant hoses and gaskets to avoid discoloration. Brushes and rollers may not achieve a uniform, extended coverage rate on large-scale applications, which could reduce cost efficiency.

APPLICATION

Before use, read “Preparation” and “Safety Information.”

ALWAYS TEST each type of surface for suitability, and results before overall application. Test using the following application instructions. Let test dry thoroughly before inspection.

Use in concentrate. DO NOT DILUTE OR ALTER.

Horizontal Application Instructions

1. Apply Weatherblock-200™ once using enough material to keep the surface wet approximately 30 to 60 seconds before penetrating.
2. Broom out puddles until they completely penetrate the surface.

Vertical Application Instructions

1. Saturate surface in a single application. Use enough to thoroughly wet the surface.
2. Thoroughly brush heavy runs and drips into the surface.

On extremely porous substrates, two applications of Weatherblock-200™ will provide superior protection. Apply the second coat a few minutes after the first coat has penetrated and appears dry.

Dense Surface Application Instructions

On dense surfaces apply a single coat. Use enough to completely wet the surface without creating drips, puddles or rundown. DO NOT OVERAPPLY. Test for application rate.

Protect treated surfaces from rain, foot and vehicular traffic for at least 4 hours after application. Weatherblock-200™ gains its full water-repellency properties in 7 days.

Coverage Rates

<i>Substrate</i>	<i>Type</i>	<i>Coverage (per gallon of concentrate)</i>	
		<i>Square Feet</i>	<i>Square Meters</i>
Granite	Polished	1000-1500 sq. ft.	95-140 sq. m.
	Unpolished	300-500 sq. ft.	28-46 sq. m.
Sandstone	Unpolished	200-400 sq. ft.	19-37 sq. m.
Slate	Unpolished	300-600 sq. ft.	28-56 sq. m.

Weatherblock-200™ is formulated for spray applications at extended coverage rates compared to conventional water repellents. Confirm by testing. Actual coverage varies based on condition, texture and porosity of the surface.

NOTE: Some floor and wall systems incorporate asphaltic or other crack-suppression membranes. This deeply penetrating protective treatment may penetrate through exposed stone, tile, grout or paver surfaces and react with the membrane to mobilize objectionable staining. ALWAYS TEST TO ENSURE DESIRED RESULTS.

Clean up

Clean tools and equipment immediately with mineral spirits, denatured alcohol or equivalent cleaning solvent. Remove overspray and spills as soon as possible.

SAFETY INFORMATION

Danger. Poison. Flammable liquid and vapor. May be fatal or cause blindness if swallowed. Vapor harmful. For use by professional applicators only. Keep out of the reach of children.

Precautions

Contains: Organosilane and methyl alcohol. May affect the brain or nervous system causing dizziness, headache, or nausea. Causes eye, skin and respiratory irritation.

Vapors may ignite explosively. Keep away from heat, sparks and flame. Do not smoke. Vapors may ignite explosively and may travel along the ground or by ventilation to ignition sources far from the application site. Extinguish all flames and pilot lights, and turn off stoves, heaters, electric motors and other sources of ignition during use and until all vapors are gone. Methyl alcohol will evolve during curing of this product. Powered ventilation and application equipment must be explosion proof. Always bond and ground when transferring between containers. Do not cut, grind, weld, or drill on or near this container, even if empty. Empty container retains residues and vapors and may be hazardous.

Use only with adequate ventilation. Do not breathe vapors or mist. Ensure fresh air entry and cross ventilation during application and drying. When applying to exteriors of occupied buildings, make sure all windows, exterior intakes and air conditioning vents are covered and air handling equipment are shut down during application and remain so until vapors have dissipated. Avoid exposing passersby and building occupants to product, fumes and mists. If you experience eye watering, headache or dizziness or if air monitoring demonstrates vapor/mist levels are above applicable limits, increase ventilation and/or wear an appropriate, properly fitted, NIOSH-approved respirator. Avoid contact with eyes, skin and clothing. Wear splash goggles or a face shield to avoid splash to eyes. Wear protective clothing, gloves and boots as needed to avoid prolonged skin contact. Wash thoroughly after handling.

NOTICE: Reports have associated repeated and prolonged occupational exposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal.

First Aid

Ingestion: If swallowed, immediately call a physician, emergency room or poison control center for instruction on safely inducing vomiting. If vomiting occurs, keep head below waist to prevent entry of liquid into lungs.

Eye Contact: Rinse eyes thoroughly for 15 minutes. Get medical assistance if irritation persists.

Skin Contact: Rinse thoroughly. Get medical attention if irritation persists.

Inhalation: Remove to fresh air. Give artificial respiration if not breathing. Get immediate medical attention.

24 Hour Emergency Information: INFOTRAC at 1-800-535-5053

Spills: Eliminate sources of ignition. Wear appropriate personal protective equipment and respirator. Use spark proof equipment. Keep product away from soil, sewer systems and surface and ground water. Contain spilled material and remove with inert absorbent. Dispose of contaminated absorbent, container and unused contents in accordance with local, state and federal regulations.

Container Disposal: This container is hazardous when empty. Since empty containers retain product residue, all labeled hazard precautions must be observed. Do not cut, puncture or weld on or near this container. Do not reuse container or remove the label. Drain thoroughly and dispose of in a sanitary landfill (check local restrictions) or send to a properly licensed reconditioner.

Storage and Handling: Store this container in a cool, dry place with adequate ventilation. Keep away from heat and open flames. Keep container tightly sealed when not dispensing. Do not use pressure to empty. Do not atomize during application. Do not alter or dilute the product or use for purposes other than those specified. Read the MSDS and label for additional precautionary information.

Shelf Life: 2 years from the date of manufacture in tightly sealed, unopened container.

WARRANTY

L&W Stone warrants this product to be free from all defects. L&W Stone makes **NO WARRANTIES EITHER EXPRESS OR IMPLIED, INCLUDING THE WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE**, including the existence, scope or duration of the manufacturer's warranty, if any, except for the following: (i) the title conveyed is good and transfer is rightful and (ii) the goods shall be delivered free of any security interest, lien or encumbrance. There are no warranties which extend beyond the description on the face hereof. Some States do not allow limitations on how long an implied warranty lasts, so the above limitation may not apply.

Limitation of Remedies: Buyer's exclusive remedy for a breach of any warranty by L&W Stone is to return the goods to L&W Stone for a refund of the purchase price or replacement. L&W Stone has the exclusive right to select the remedy. L&W Stone expressly excludes liability for incidental damages, consequential damages, tort damages, strict liability damages, punitive damages, liquidated damages, or other damages not explicitly listed. Some States do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply.

Manufacturer Warranty: If the goods sold by L&W Stone are covered by an assignable warranty of a manufacturer, L&W Stone assigns to Buyer all such assignable warranties.

CUSTOMER CARE

L&W Stone personnel are available for product assistance with no obligation. Call 1-800-346-9739 and ask for Stone Care product support.