



MiraGard Drylook WB

Product Technical Data Sheet

MiraGard Drylook WB is a ready-to-use, waterborne, silane/siloxane penetrating water repellent sealer designed for use on concrete, cementitious coatings, natural stone, unglazed tile, and many other masonry substrates. Bonding chemically to the host substrate, it forms a long-lasting impregnable barrier to water and chloride ion intrusion. MiraGard Drylook WB is vapor permeable and does not alter the appearance of the substrate while also significantly enhancing stain resistance against a wide range of chemical and consumable substances.

WHERE TO USE

- Seal sidewalks, parking decks, balconies, and plaza decks.
- Treat concrete bridges, runways, and highway pavements.
- Seal and protect microtoppings, brick masonry and natural stone.
- Concrete and masonry walls and facades.
- Architectural precast curtain wall panels.
- Steel reinforced concrete structures exposed to chloride ingress.
- New and existing structures.
- Concrete structures in marine and aquatic environments.
- Industrial and commercial concrete floor slabs.

ADVANTAGES

- Non film-forming; does not alter surface appearance or texture.
- 100% vapor permeability - excellent breathability.
- Superior resistance to chloride ion ingress.
- Reduces potential for steel corrosion, spalling and scaling.
- High resistance to wind driven rain.
- Excellent UV stability.
- Forms a permanent physical and chemical bond to the substrate.
- Provides good oil repellency and resists staining.
- Displays superior UV resistance and stability.
- Penetrates deeply for long-lasting protection.
- Water-based - VOC < 50 g/l – Contributes to LEED points.
- Acceptable for use in USDA facilities.
- Reduces efflorescence and resistant to alkali attack.
- Keeps substrates cleaner and easier to maintain.
- Minimizes floor care and maintenance costs.
- Meets the performance standards of NCHRP 244.
- No need to dilute on site and ready for use

THEORETICAL COVERAGE RATES

150-200 sq. ft. per gal.

(Actual coverage rates are solely dependent on substrate porosity and density and the above stated rate is for estimating purposes only. It is recommended to perform jobsite test panels to verify actual rates of material consumption.)

PACKAGING and COLORS

1-gallon, 5-gallon, 55-gallon drums, 260-gallon totes
Milky white liquid that is transparent when dry.

MIX RATIO

Single component. Use as supplied.

SHELF LIFE AND STORAGE

One year from the date of manufacture as long as containers remain unopened and material is stored in a protected environment free from moisture, excessive heat, freezing temperatures, and direct sunlight.

TYPICAL PHYSICAL PROPERTIES @ 75F (24C)

Weight/gal.....	8.4 lbs.
Flash Point.....	> 200°F (93° C)
VOC Content.....	50 g/L
Active Content	6.3%
Viscosity ASTM D2370.....	<100 cps
Drying Time	1 to 2 hours
Foot Traffic.....	4 to 6 hours
Vehicular Traffic.....	10 to 12 hours
Microbial Resistance.....	Passes Testing 1
Average Penetration Depth (substrate dependent)	3/8" (9.5 mm)

OVERVIEW OF INSTALLATION STEPS

- **Surface Preparation** – New concrete should be allowed to cure for a minimum of 14-21 days prior to application. Existing concrete surfaces must be clean, sound, dry and free from any curing compounds, form release agents, efflorescence, laitance, coatings or bond-inhibiting substances including, but not limited to, grease, oil, foreign matter and any other contaminants or loosely adhered materials. Prior to application, spot-apply potable water to prepared surface to verify the substrate exhibits uninhibited absorption.

- **Mixing** – *MiraGard Drylook WB* typically does not require mixing but may be agitated prior to use.

- **Application** – *MiraGard Drylook WB* can be applied by roller, brush, or spray method. Spray application methods must be limited to low pressure equipment such as a garden sprayer, hand pump or battery-powered bucket-top type airless sprayers. Spray equipment that atomizes this material must not be used. Two applications are recommended and must be applied wet-on-wet; the second coat must be applied before the first coat has dried. Stain resistance begins to develop within 24 hours and is complete within 7 days.

- **Vertical Application:** For best results, apply to a visibly dry and absorbent surface. Low pressure (15 to 25 psi) spray apply with a wet fan type spray nozzle. Apply and saturate the surface from the bottom up, causing a 6-8 inch rundown below the contact point. Let the first application penetrate for 5 to 15 minutes then re-saturate in the same manner as just described which will consume less material.

- **Horizontal Application:** For best results, apply to a visibly dry and absorbent surface. Low pressure (15 to 25 psi) spray apply with a wet fan type spray nozzle. Apply and saturate the surface in a single application covering surface with enough material to maintain a saturated look for approximately 1-2 minutes. Spread out any puddled material into areas absorbing product more rapidly. If applying by roller only a power roller using a 1" nap is acceptable for use to ensure even application.

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FOR BEST RESULTS

- Always install a minimum 4' by 4' test area or jobsite mock-up for approval of acceptable appearance and any other critical requirements of the owner prior to proceeding with the installation.
- Verify and download current versions of product technical data sheets (PTDS), material safety data sheets (MSDS), and installation guides (IG) at www.miracote.com.
- Protect materials at all times from excessive heat and cold, and pre-condition to room temperature, as necessary.
- Regularly monitor consumption to ensure correct application rates are obtained.
- The proper application of this product is the sole responsibility of the end user. Job site visits by Miracote representatives are only for the purpose of making recommendations, and do not assume any liability for supervision or quality control.
- Measure surface and ambient temperatures to ensure the material is only applied when temperatures range between 40°F (4.4°C) and rising, and 100°F (37.8°C) during placement and cure time.
- Do not apply when rain is expected within 4 hours of application, or high winds or other existing conditions can disrupt work progress.

LIMITATIONS

- **Protect from freezing.**
- Not intended for below-grade waterproofing applications.
- Not suitable for gypsum materials or non-masonry substrates.
- Will leave a residue on non-porous materials such as metal, glass, and previously coated surfaces. Protect as required, or clean ASAP.
- Overspray of this product may cause damage to shrubbery and plant life. Protect as required during the application process.
- Minimum and maximum ambient and substrate temperatures of 40°F (4.4°C) or 100°F (37.8°C), are required during application.
- Concrete must be minimum age of 14 to 21 days or has achieved 80% of design strength, depending on curing and drying conditions.
- Do not apply under the threat of rain within 6 hours of treatment.
- Do not apply on damp substrates.

LIMITED WARRANTY

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CAUTION: ALWAYS KEEP OUT OF THE REACH OF CHILDREN.



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