

WATER REPELLENT FOR CONCRETE, MASONRY & WOOD

BENEFITS

PENETRATION

deep penetration of absorbent surfaces due to small molecular structure

ENVIRONMENTALLY FRIENDLY, low VOC

(less than 37 g/L. Low odor)

100%

Water Vapor Permeable

REDUCTION

in water absorption reduces spalling due to freeze-thaw and efflorescence

PENETRATING

treatment will not change appearance of substrate

MILDEW

and Fungus Resistant

NON-FLAMMABLE

Flash Point >200°F

BREATHABLE

vapor emission

DESCRIPTION:

PLWR-500 is a one-component, VOC compliant, penetrating water repellent which contains a proprietary modified silane/siloxane. This water based silane/siloxane penetrates most masonry and concrete pores and capillaries up to 1/4 inch or more depending on surface porosity and moisture content at the time of application. **PLWR-500** is a low odor and environmentally friendly with a VOC content of less than 37 g/L.

USAGE:

Can be used on most vertical or horizontal exteriors, above-grade masonry or wood surfaces.

APPLICATION:

Shake well before using. Do not dilute or alter. Protect from freezing. Surface should be free of standing water, dirt, dust, oils and other contaminants. Test application is recommended on surface to be treated to ensure compatibility and repellent result.

PRECAUTIONS:

Use eye protection and minimize skin contact with gloves and clothing. Protect all adjacent and non-targeted surfaces, window glass, vehicles, aluminum, and plant life from overspray. Immediately remove overspray with soap and water or solvent. Non-protected surfaces should be pre-wet with water and continuously rinsed.

WARNING: Use in well-ventilated area away from sparks and open flame. Do not smoke in vicinity of application. Do not store or use near sparks or open flames.

METHOD: Low-pressure sprayer, brush or roller.

DRY TIME: Dry to touch in 2 to 6 hours depending upon temperature and humidity.

VERTICAL SURFACES:

Apply from top down using a low-pressure sprayer (10-25 psi) with a fan-type nozzle or with a roller with a minimum 3/8" nap. Flood surface until excess product runs down 608 inches below spray or roller pattern. A wet-on-wet reapplication within 2 minutes is recommended for maximum coverage.

HORIZONTAL SURFACES:

CAUTION: Avoid over application or ponding as it may cause darkening of surface. Brush or broom to spread material to a more porous area.

Apply a single flood coat using sufficient material so the surface remains wet for 3 to 5 minutes. For maximum coverage, a wet-on-wet reapplication within 2 minutes is recommended.

DRY TIME:

Dry to touch or 2 to 6 hours depending on temperature and humidity.

COVERAGE: 50 - 200 SF/gal

COMPLIANCE:

VOC/VOS; ASTM C67; ASTM C666; ASTM C23-69; ASTM C642; ASTM E514; AASHTO T259-78; NCHRP 244

CONTACT: Instacoat Premium Products for more application instructions.

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