

# Technical Data Sheet

## CP-250W™

### Water Repellent

### Product Data and Test Information

#### PRODUCT NAME

CP-250W™

Economical, easy to use, water-based water repellent

#### MANUFACTURER

Chemical Products Industries, Inc.  
7649 SW 34<sup>th</sup> St., Oklahoma City, Ok 73179  
(800) 624-4356 (405) 745-2070

#### PRODUCT DESCRIPTION

CP-250W™ is a one component, VOC compliant, penetrating water repellent which contains a proprietary modified siloxane. This water-based siloxane penetrates most masonry and concrete pores and capillaries up to ¼ inch or more depending on surface porosity and moisture content at the time of application.

#### APPLICATIONS

Recommended surfaces include: adobe, architectural precast or cast in place, concrete, clay brick, mortars, natural stones, limestone, granite, sandstone, terra cotta, exposed aggregate products, Portland cement stuccos and concrete masonry units.

For use on concrete to protect the reinforcing steel from corrosion due to the effects of water, deicing salts and other water borne chemicals.

For use on brick masonry to protect against the entrance of wind-driven rain.

To reduce the effects of mildew, efflorescence, and stains concrete and masonry.

#### ADVANTAGES

Effective on most vertical or horizontal interior and exterior, above-grade masonry surfaces.

Natural substrate color and surface textures are unaffected, with little to no gloss created.

Benefits of this product are:

- Excellent resistance to water intrusion
- Deep penetration into the substrate
- Exhibits good beading effects
- 100% water vapor permeable
- Mildew and fungus resistant
- Efflorescence protection
- High resistance to alkali attack
- Freeze thaw protection

Chemical Products' state-of-the-art protective treatments have developed a reputation by architects and building professionals as the premier solution for water repellents and sealers. Chemical Products' is dedicated to solving the destructive influence water intrusion and other elements have on building materials.

#### TECHNICAL DATA

Color	milky-white
Active substance	polysiloxane
Active content	2.5%
Ph	5
Density	8.33# per gal.
VOC	<20 g/l

#### INSTALLATION

Always test each type of surface in an inconspicuous area to determine the suitability of this product for the intended use as well as coverage rates.

Application must be clean, sound and dry. Allow new masonry and concrete to cure at least 28 days. Make all necessary repairs which would allow water to enter the wall assembly such as: cracks, copings, flashings expansion joints, mortar joints and sealants.

All surfaces must be cleaned to remove all traces of dirt, dust, efflorescence, mold, salt, grease, oil, asphalt, laitance, curing compounds, paint, coatings and other contaminants. Acceptable surface cleaning methods include shotblasting, sandblasting, waterblasting and chemical cleaners. Check with your Chemical Products Industries, Inc. representative to verify suitable cleaning methods, products and that the surface preparation is adequate.

**VERTICAL:** Apply from bottom-up using a low-pressure sprayer (10-25 psi) with a fan type nozzle or by a roller with minimum 3/8" nap.

For maximum protection a wet-on-wet application is recommended; retreat within three to five minutes after initial application. A wet treated surface may be agitated with as oft bristle brush to ensure more even distribution and greater penetration.

Protect all adjacent glossy surfaces, paint films, windows, plant life, asphalt-based materials and all other non-targeted surfaces immediately with soap and water. Apply to southern exposed areas during coolest part of day.

**HORIZONTAL:** Apply product with low-pressure spray or deep nap roller. Apply a single flood coat. For maximum protection a wet-on-wet application is recommended. Note: Avoid puddling or ponding by using a

broom to spread material to more porous areas.

If applicable, block all drains and use absorptive coverings to contain run-off of excess material.

To avoid unnecessary clean-up, use soap and water to remove overspray as soon as possible.

**Caution: Over application of material may cause slight darkening of surface.**

#### **LIMITATIONS**

Surface and air temperatures should be a minimum of 40° F and a maximum of 110° F for two hours after application. This product is not suitable for use on asphalt surfaces. Do not apply to frozen or frost covered surfaces. Do not apply to wet or water saturated substrates and/or when rainfall is expected within six hours unless adequate protection with a polyethylene film, or its equivalent, is provided. Do not apply to glazed brick or tiles. CP-250W™ is ready to use, do not dilute or alter.

#### **PRECAUTIONS**

For specific information regarding safe handling of this material refer to the Material Safety Data Sheet.

#### **AVAILABILITY**

CP-250W™ is available in 1, 5 and 55 gallon drums to approved applicators throughout the United States. Contact Chemical Products Industries, Inc. at 800-624-4356 for a sales representative in your area.

#### **TECHNICAL SERVICE**

Technical service engineers and chemists are available to answer questions on product performance, application methods and chemical composition.