

Technical Data Sheet

CP-1000 Natural Stone Water Repellent Product Data and Test Information

PRODUCT NAME

CP-1000

Water based water repellent for most natural stones

MANUFACTURER

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

PRODUCT DESCRIPTION

An odorless, water based solution of potassium methyl siliconate developed to effectively treat a wide range of natural stone and masonry surfaces. CP-1000 provides long-lasting protection without altering the natural appearance of the substrate.

USAGE

CP-1000 is used as a surface treatment on most natural stone and masonry surfaces to form a water repellent surface and reduce water absorption into the substrate. CP-1000 has been developed to help prevent surface staining during application.

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.

Benefits of this product are:

- Water-based, no-odor
- Treated surfaces "breathe" and do not trap moisture
- Suitable for interior and exterior applications
- Will not form a surface film or gloss
- VOC compliant



Treated Natural Stone

TECHNICAL DATA

Color	clear
Odor	low
Active substance	siliconate
Active content	5-10%
Carrier	water
pH	12

COVERAGE

Follow recommended coverage rate guidelines.

Marble, Travertine, Limestone most Natural Stone:
100-175 sq ft/gal

Granite:
150-200 sq ft/gal

Sandstone:
125-175 sq ft/gal

Concrete:
125-175 sq ft/gal

Fired Clay:
125-175 sq ft/gal

LIMITATIONS

Do not dilute or alter

Application temperature range 35° - 120°F (2° - 49°C)

Protect from freezing.

May damage glass, aluminum, ceramics & glazed tile.
Always protect.

Not recommended for dark dense surfaces.

Not recommended for glazed or polished surfaces.

INSTALLATION

Protect people, vehicles, property, plants, windows, painted surfaces, anodized aluminum and all non masonry surfaces from product, splash, spray, residue, fumes and wind drift.

Make sure all caulking and seals have fully cured before application. Surfaces should be clean and free of dirt, dust, oils and other contaminants. If necessary, clean with a recommended CPI surface preparation cleaner.

ALWAYS TEST each type of surface to ensure desired results. Let test area dry before inspection.

Over application to dense or dark colored surfaces may produce a white film after drying. This indicates that the product was applied too heavily. Retest using higher coverage rates.

Vertical Application:

(Spray)

For best results apply a single coat of CP-1000 to a dry surface working from the bottom up. Use enough to create a 4"-6" rundown below the spray contact point.

(Brush)

Minimize overlap. Brush out heavy runs and drips that do not penetrate.

Porous Surface Application:

Let the first application penetrate the masonry surface. Resaturate within 5 to 10 minutes.

Dense Surface Application:

Apply a single coat. Apply enough material to wet the surface without creating drips puddles or rundown. **DO NOT OVERAPPLY**. Buff excess material as soon as possible after application.

Horizontal Application:

Apply a single, saturating coat so that the surface stays wet for a few of minutes. Thoroughly broom out any pools or puddles that do not completely penetrate the surface. Do not let puddles stay on surface.

Protect the treated surface from rain and pedestrian traffic for 4 to 6 hours after application. CP-1000 gains its water repellent properties in 24 hours.

CLEANUP

Clean equipment and overspray with soap and warm water.

Precautions: Please refer to the Material Safety Data Sheet for more information.

AVAILABILITY

CP-1000 is available in One, Five and Fifty-Five Gallon containers to approved applicators/distributors 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.