



# 465 HIGH SOLIDS WATER REPELLENT SEALER

By Imco®

## DESCRIPTION

A clear, ready-to-use, solvent-free siloxane sealer that cross-links with the substrate to form an insoluble water barrier providing surface and subsurface protection.

## BASIC USES

The 465 is designed to form a deeply penetrating water repellent seal on most alkaline surfaces including concrete flatwork and parking structures.

## MAJOR ADVANTAGES

- Water-based clear - will not discolor substrate (note: 465 cannot be tinted)
- Odour-free and non-toxic
- Breathable
- Prolongs surface life
- Deep penetration and quick film formation
- Ultra-violet stable
- Stops intrusion of de-icing salts, acids and water
- Reduces chloride penetration

## GENERAL INFORMATION

Available in 20L(5 gal) pail and 200L(55 gal) drums. Coverage is dependent on porosity of the substrate, however a coverage of 20 to 40 SF/L (80 - 160 sf/gal) can be expected on most common construction materials. Shelf life is 6 months at 5°C (40°F) to 24°C (77° F) when stored away from sun and direct heat. Treated surfaces should be protected from rain and foot traffic for 4 -6 hours following application and vehicular traffic for 24 hours following application.

## **DO NOT ALLOW TO FREEZE**

## APPLICATION INSTRUCTIONS: Surface Preparation:

All surfaces must be sound, clean and free of all contaminants that would prevent penetration. New concrete should be allowed to thoroughly cure before application. Older concrete should be washed with a high pressure washer and/or cleaning agents if there is build up from years of usage.

Surface may be slightly damp, however; an excess of moisture on the surface will impede penetration. 465 is supplied ready to use, no dilution is necessary and is best applied by airless sprayer with fan type spray nozzle. Clean up with water. Exercise caution around glass as 465 will etch the glass. Clean with soapy water immediately. A test application is recommended on the surface, using the same equipment as you would for the job, to ensure compatibility and to see if desired waterproofing results will be acceptable. This will also be useful in determining the final application rate and proper procedure.

## SPECIAL HANDLING

465 High Solids Water Repellent Sealer may slowly evolve hydrogen gas. In the presence of acids, bases, heavy metals or their compounds, the rate of evolution is increased. Work areas must be adequately ventilated to prevent the accumulation of hydrogen. Keep the material away from sparks, heat and open flames. Direct eye contact may cause slight discomfort which is relieved by flushing with water.

## SAFETY

Please refer to SDS at [www.imcotechnologies.com](http://www.imcotechnologies.com) .

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