



CHEM-SEAL 14-WB

Water-based Acrylic Sealer & Dust Proofer with 14% Solids Content

PRODUCT DESCRIPTION

CHEM-SEAL 14-WB is a high performance, one-component, water-based, acrylic sealer and dust proofer with 14% solids content by weight. It is a milky white emulsion, which dries to form a clear semi-gloss to high-gloss film.

CHEM-SEAL 14-WB is UV stable and weather resistant. It is designed to protect all indoor and outdoor concrete and masonry surfaces on residential, commercial and light industrial applications.

FIELDS OF APPLICATION

CHEM-SEAL 14-WB can be used on concrete floors and walls, decorative concrete, stained concrete, stones, terrazo, and wood. Areas of applications include:

- Side walks
- Patios
- Factory floors
- Restaurants
- Pool decks
- Shopping centers
- Concrete roofs
- Terrazzo tiled roofs
- Natural stone buildings and stone cladding
- As a prime coat on concrete and asphalt substrates prior to application of acrylic floor coatings in tennis courts

PRODUCT FEATURES

- Non-Toxic
- Non Flammable
- Excellent adhesion
- Doesn't change substrate color
- Ready to use and easy to apply
- Low viscosity
- Compatible with many over painting and resilience floor covering

PACKAGING

Product	Packaging
CHEM-SEAL 14-WB	1 GAL (3.785 LITER) JUG
	5 GAL (18.925 LITER) PAIL
	55 GAL (208 LITER) DRUM

TECHNICAL DATA

Specific Gravity	0.99
Solid Content By Weight	14 %
Freezing Temperature °F (°C)	23 (-5)
Color	Milky white
Fumes	None
Flammability	None
Curing Time @ 77°F (25°C)	20 minutes
Drying Time @ 77°F (25°C)	Touch dry = 2 hours
	Firm Set = 24 hours
Recoat interval	2 to 4 hours
Finish	Smooth and high gloss

APPLICATION DATA

Methods of Application: By spraying, rolling or brushing.

Tools Needed: CHEM-SEAL 14-WB can be applied using one or more of the following:

- Low pressure or airless sprayer
- Good quality paint roller
- Good quality paint brush

Surface Preparation: The substrate must be sound, dry, clean and free from any contaminant like dust, dirt, mildew, algae, curing compounds, form release, sealers, oils, grease, etc.

Dirt and dust can be removed by sweeping and low-pressure washer. Areas contaminated with mildew, algae, oils and grease can be cleaned using a high-pressure washer and a biodegradable concrete cleaner like CHEM-CRETE CONCLEAN CCC060.

Cleaning of substrates treated with curing compounds, form release and sealers might be achieved by means of mechanical methods, such as shot blasting, grinding, wire brushing, and high-pressure washer.

Do not use acid etching, solvents or adhesive removers to clean substrates prior to application of CHEM-SEAL 14-WB.

Any major damages in concrete like cracks and pot holes must be repaired prior to application of CHEM-SEAL 14-WB.

Mixing: CHEM-SEAL 14-WB is one-component material and ready to use, however it is recommended to be stirred before use. Take the required quantity into the paint tray or the

sprayer for application and tightly close the product's container.

Coverage: 200 ft² per gallon (4.91 m² per liter). Coverage depends on the porosity of the substrate and the final gloss required. Higher gloss finish requires more material. More porous substrate requires more material.

Compatibility: CHEM-SEAL 14-WB can be applied over virtually all sound substrates such as old masonry, old concrete, new masonry, new concrete, brick, terrazzo, unglazed tiles, asphalt, natural stone, epoxy broad-cast sand, etc. CHEM-SEAL 14-WB can also be used to cure freshly poured concrete.

CHEM-SEAL 14-WB can also be applied over materials that may degrade under UV rays to protect against such degradation. Example of these materials is polyurethane foams.

Limitations:

- Minimum substrate temperature: 41°F (5°C).
- Application on wet or water logged substrates is not recommended.

CLEANING

Tools, equipment, spray unit, etc. can be cleaned immediately using water only.

STORAGE

Store the product in cool dry area. Recommended storage temperature is from 32°F to 95°F (+0°C to +35°C). Don't expose container to direct sunlight. PROTECT FROM FREEZING. Keep container closed when not in use. Shelf life is minimum 1 year in its original unopened container.

SAFETY PRECAUTIONS

As all chemical products, adequate care must be taken. Avoid direct contact with food, eyes, skin, and mouth. **KEEP AWAY FROM CHILDREN AND ANIMALS.**

Breathing mask, goggles, and gloves should be worn during the application of CHEM-SEAL 14-WB. Skin contamination should be cleaned with plenty of water. If splashed into the eyes, it should be washed with a plenty of water using an eye-cup Optrex or Isogutt solution, then consult your doctor.

TECHNICAL ASSISTANCE

Please contact International Chem-Crete Corporation for Technical Assistance.

WARRANTY

LIMITED WARRANTY: International Chem-Crete Inc. warrants that, at the time and place we make shipment, our materials will be of good quality and will conform to our published specifications in force on the date of acceptance of the order.

DISCLAIMER: The information contained herein is included for illustrative purposes only and, to the best of our knowledge is accurate and reliable. International Chem-Crete Inc. is not under any circumstances liable to connection with the use of information. As International Chem-Crete Inc. has no control over the use to which others may put its products, it is recommended that the products be tested to determine the suitability for specific applications and/or our information is valid in a particular circumstances. Responsibility remains with the architect or engineer, contractor and owner of the design, application and proper installation of each product. Specifier and user shall determine the suitability of the product for specific application and assume all responsibility in connection therewith. AM121110.

Manufactured By:



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