Sher-Crete®

CONCRETE RESTORATION SYSTEMS

DIVISION 3

ALKALINITY CONTROL PRIMER

Features:

- Neutralizes alkaline reaction
- Fast easy application
- Clear and colorless formula
- Acceptable for use in USDA inspected facilities
- Corrects pH imbalances
- Prevents concrete sweating
- Fast drying

PRODUCT DESCRIPTION

Sher-Crete® Alkalinity Control Primer neutralizes damage from efflorescence, sweating, and other alkalinity problems caused by pH imbalances. This stops alkali reactions in cement and reduces vapor drive and alkali drive that cause the formation of alkali salts and sweating.

Sher-Crete® Alkalinity Control Primer neutralizes alkaline and other silica reactions, creating an effective compound that corrects existing pH imbalances. Easy to use single-application formula and clear water clean up make This is a fast and environmentally friendly solution for alkalinity problems and sweating.

BENEFITS

- Minimizes down time
- Combats discoloration
- Preserves natural look
- Reduces vapor drive and alkali drive
- Helps to reduce alkalinity efflorescence
- Reduced wear
- Reduced overall project costs
- Increases life expectancy of the concrete surface
- Safe, durable, long lasting

SPECIFICATIONS

Coverage

400 - 600 sq ft/gal

Coverage will vary depending on the porosity and texture of the substrate

Color & Finish

Clear

Item Code	SKU	Package
CDH8005		5 Gallons
CDH8055		55 Gallons

Drying Time, @ 77°F 50% RH:

temperature and humidity dependent

Topcoat:	30-60 minutes
Light Foot Traffic:	30-60 minutes
Wheeled Traffic:	2 hours

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SHER-CRETE® ALKALINITY CONTROL PRIMER

Material Safety Data Pages are available from your Sherwin-Williams representative.
Prior to use, read, understand and follow all label and data page information and all safety information.
Employee education and training in safe handling of this product are recommended.

PREPARATION AND USE

Due to the wide variety of substrates, preparation methods, application methods and environments, the customer should test the product in an inconspicuous spot for compatibility prior to full scale application.

Test the absorbency of the substrate by sprinkling water on the surface in a variety of areas across the entire surface to get an average condition. If the water penetrates into the substrate quickly, it is ready to finish. If the water beads up or does not penetrate, the surface has some type of sealer/coating.

All surfaces must be clean, dry and free of grease, oil, dust, dirt, etc. To clean, use a neutral pH cleaner/degreaser, following label directions, rinse thoroughly and allow the surface to dry. If mold, mildew, or fungus is present, kill and remove by cleaning with a solution of 1 part household bleach to 3 parts water.

Any membrane-forming curing compounds or sealers should be removed using an abrasive as aggressive as diamonds or as passive as a black stripping pad.

For the best protection on concrete and masonry, patch and repair damage, holes, cracks and crevices. Use Sher-Crete® Repair products or Stampede® Sealants following label directions. Patching compounds and sealants will generally be visible through clear coatings. Mixing concrete dust from the floor onto the patch while still wet can help blend the patch into the overall floor.

Epoxy repair materials should be applied prior to abrading/burnishing; urethane and polyurea materials should be applied after abrading/burnishing.

The surface of the concrete can be abraded by using ICRI 03732 / SSPC-SP13 / NACE 6 Surface Preparation for Concrete methods. This can include light sand blasting, track blasting or grinding and honing using the appropriate series of abrasives. Remove all blast residue. The floor can be ground using either a dry or wet grinding process.

When using a grinding process, depending on the initial condition of the floor and the desired finish, use anywhere from a 25 grit for product or surface removal up to 3500 grit for a very smooth, polished finish.
The coarse grit abrading should be followed by progressively finer grits until the desired finish is accomplished.

Depending on the condition of the surface, you can use Sher-Crete® Cleaner & Neutralizer to remove or neutralize alkalinity problems; or use Sher-Crete® Alkalinity Control Primer to neutralize damage from efflorescence, sweating, and other alkalinity problems by infusing lithium ions into the concrete surface.

APPLICATION

1 Remove any construction materials, dirt, dust, or other residue.
2 Dry the surface thoroughly before application of the Sher-Crete.
3 Saturate the surface with **Sher-Crete® Alkalinity Control Primer** using a low pressure sprayer.
3 Using an automatic scrubber or stiff broom, work the **Sher-Crete® Alkalinity Control Primer** into the substrate to increase penetration. Keep the surface moist with the product for 20 to 30 minutes adding more if needed to keep the surface wet.
4 Wash away any remaining **Sher-Crete® Alkalinity Control Primer** with clear water and let the surface air dry.

TOPCOATING

Sher-Crete® Alkalinity Control Primer can be topcoated with ...

CLEAN UP

Clean spills, spatters, hands and tools immediately after use with soap and warm water.

MAINTENANCE

Routine sweeping, mopping, washing, and mechanical scrubbing of floors with a neutral pH cleaner are recommended. Water can be sufficient in some environments. DO NOT USE cleaners that are either acidic or have a butyl base. The product is chemically resistant; it is susceptible to stripping with butyl degreasers and some acids.