

## CIPADAM® S-15 ULTRA

### DESCRIPTION

CIPADAM® S-15 Ultra is part of a two-coat protection system which prevents the intrusion of chlorides and water. The two-coat system consists of:

- A) A base coat of CIPADAM® S-15. It is a silane base which penetrates into the substrate and reduces chloride ion migration through cement materials.
- B) The top coat is CIPADECK® Paver and Concrete Sealer. It is a colorless acrylic resin in a solvent base or CIPADECK® Cure & Seal WB.

### WHERE TO USE

- concrete slabs, decks, walls, abutments, concrete barriers and retaining walls

### BENEFITS

- an effective chloride screen
- excellent freeze-thaw resistance
- prolongs the surface life and prevents damage from within by maintaining vapor permeability of concrete
- greatly reduces effects from salt scaling
- excellent penetration into substrate
- eliminate development of efflorescence

### APPLICATION

#### INSTALLATION:

CIPADAM® S-15 contains blended solvents and should be handled accordingly. Do not use near fire or extreme heat and provide good ventilation to avoid build up of solvent fumes. Applicators should wear approved NIOSH/MSHA approved respirators. When applying to exterior of occupied buildings, all exterior air conditioning vents should be covered during application and air handling equipment should be turned off during application to avoid solvent odors within the building. Clothing which may become contaminated with CIPADAM® S-15 should be changed as quickly as possible.

#### PREPARATORY WORK:

A test application is necessary on each surface and/or masonry material to be treated to ensure compatibility and desired results. Test areas are also useful in determining final application rate and procedures. Tests should be applied using the same equipment as for the job application. Test areas should be inspected by the engineer throughout the job application.

Adjoining glass, metal and painted surfaces should be protected from over spray and splash of CIPADAM® S-15. Splashes should be removed using mineral spirits before the solution has dried on the surface. All caulking, patching and joint sealants should be installed prior to application of CIPADAM® S-15 The concrete surface should be clean, free of dust, surface dirt and contaminants. New concrete should be thoroughly cured before application of CIPADAM® S-15. New concrete normally does not require etching, however slick trowel finished concrete that has been contaminated with surface dirt, tire marks, etc. during construction may require thorough cleaning and a mild etch for best performance of the sealer. Older concrete surfaces should be power washed with high pressure and appropriate cleaners to assure removal of surface dirt, oil and contaminants. Surfaces to be treated may be damp, but should be absorbent to assure good penetration of CIPADAM® S-15.

**Note:** If a chemical curing agent is to be used during installation of new concrete, a test area is recommended prior to general application to assure compatibility. It is impossible to assure compatibility with all products

#### PLACING:

CIPADAM® S-15 should be applied as packaged. Do not dilute or alter material. Preferred method of application is with a low pressure (20 psi) airless sprayer. Sprayer should be fitted with a solvent resistant hose and gasket. Apply sufficient material to thoroughly saturate the surface making sure to brush out excess material that does not penetrate. When applying to flat surfaces, CIPADAM® S-15 should be applied in a single saturating application with sufficient material applied so that the surface remains wet for a few minutes before penetration into the concrete. Surface residues, pools and puddles should be broomed out thoroughly until they completely penetrate the surface. CIPADECK® Paver and Concrete Sealer or CIPADECK® Cure & Seal WB should be applied to a dry surface which is normally 24 hours after the application of CIPADAM® S-15.

Refer to CIPADECK® Paver and Concrete Sealer or CIPADECK® Cure & Seal WB product data sheet for further information.

**Note:** For complete application instructions see separate Technical Data Sheets for:

CIPADAM® S-15

CIPADECK® Paver and Concrete Sealer

CIPADECK® Cure & Seal WB

#### LIMITATIONS

- do not apply at temperatures below 4.5°C (40°F)  
CIPADECK® Cure & Seal WB 10°C (50°F)
- after applying CIPADAM® S-15, protect from rain, foot traffic and sun for 24 hours
- after application of CIPADECK® Paver and Concrete Sealer or CIPADECK® Cure & Seal WB wait 24 hours before opening to traffic

#### COVERAGE

CIPADAM® S-15:

2.3 - 5.9m<sup>2</sup>/L (95-240 ft<sup>2</sup>/U.S. gal)

CIPADECK® Paver and Concrete Sealer:

First Coat 4.9 - 7.4m<sup>2</sup>/L (200 - 300 ft<sup>2</sup>/U.S. gal)

Optional Second Coat 7.4 - 9.8m<sup>2</sup>/L (300 - 400 ft<sup>2</sup>/U.S./gal)

CIPADECK® Cure & Seal WB:

First Coat 6 - 7m<sup>2</sup>/L (240 - 280 ft<sup>2</sup>/U.S. gal)

Second Coat 7 - 8m<sup>2</sup>/L (280 - 320 ft<sup>2</sup>/U.S.

#### STANDARDS

See individual Technical Data Sheets for standards.

#### PACKAGING

208L (55 U.S. gal) drum-182kg (401lbs)/drum

18.9L (5 U.S. gal) pail-16.5kg (36.5lbs)/pail

#### CLEAN UP

Clean equipment immediately after use with Xylene solvent.

#### STORAGE

Store under normal heated warehouse conditions.

#### SHELF LIFE

Two years from date of manufacture when stored in original unopened container, and under normal heated warehouse conditions.

#### SAFETY PRECAUTION

Consult Safety Data Sheet for specific instructions:

CIPADAM® S-15 SDS #269

CIPADECK® Paver and Concrete Sealer SDS #403

CIPADECK® Cure & Seal WB SDS #399

#### WARRANTY

The recommendations made and the information herein is based on our own and independent laboratory experience, and is believed to be accurate under controlled conditions. However, no warranty or guarantee of accuracy is made because we cannot cover every possible application of product nor anticipate every variation encountered in weather conditions, job-conditions, methods used and types of surfaces on which the product is applied. The users shall make their own tests to determine the suitability of such products for any particular purpose.

CPD® makes no warranties with respect to this product, expressed or implied, without limitation, the implied warranties of merchantability or fitness for a particular purpose.

CPD®'s liability shall be limited in all events to supplying sufficient product to re-treat and/or repair the specific area to which CPD® product has been applied. CPD® reserves the right to have the true cause of any difficulty determined by accepted test methods. CPD® shall have no other liability, including liability for incidental, consequential or resultant damages, however caused, whether due to breach of warranty, negligence, or strict liability.

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