

BROWNTONE CS

PIGMENTED CURE & SEAL FOR EXPOSED AGGREGATE CONCRETE

DESCRIPTION

BROWNTONE CS is a solvent based acrylic polymer blend that cures, seals, and enhances the appearance of exposed aggregate concrete surfaces. BROWNTONE CS is specially formulated with earth-toned pigments that highlight the natural color of the aggregate, making exposed aggregate surfaces look more even in color and richer in appearance. BROWNTONE CS also provides protection against the damaging effects of traffic, weather, and de-icing salts. Although especially formulated for exposed aggregate concrete, BROWNTONE CS can be used on any concrete surfaces - new or old - where a translucent brown tint is desired.

PRIMARY APPLICATIONS

- Curing and sealing exposed aggregate concrete

FEATURES/BENEFITS

- Enhances the natural tone and evens out the color of exposed aggregate concrete
- Cures and seals new concrete in one step
- Protects concrete from the damaging effects of weather and traffic
- Non-yellowing

TECHNICAL INFORMATION

Typical Engineering Data

The following results were developed under laboratory conditions.

Drying Time* @ 73°F, 50% RH: < 1 hour

Recoat: 4 to 24 hours

Foot Traffic: 4 to 6 hours

Wheel Traffic: 6 to 10 hours

VOC Content: 653 g/L

Adhesion to Concrete: excellent

Alkali Resistance:

48 hour exposure excellent

Solvent Resistance: minimal

Solids Content: 26-28%

Moisture Loss: (ASTM C 156) < 0.40 kg/m²

**Low concrete or air temperature and/or high relative humidity will extend drying times.*

PACKAGING

BROWNTONE CS is packaged in 55 gal (208 L) drums and 5 gal (18.9 L) pails.

SHELF LIFE

2 years in original, unopened container.

SPECIFICATIONS/COMPLIANCES

- ASTM C 309, Type 1, Class A & B
- ASTM C 1315, Type 1, Class A

COVERAGE

300 to 400 ft²/gal (7.4 to 9.8 m²/L), depending on concrete surface texture and porosity.

AVOID EXCESSIVE BUILD-UP. HEAVY APPLICATIONS MAY LEAD TO DISCOLORATION AND POOR PRODUCT PERFORMANCE.



The Euclid Chemical Company

19218 Redwood Rd. • Cleveland, OH 44110

Phone: [216] 531-9222 • Toll-free: [800] 321-7628 • Fax: [216] 531-9596

www.euclidchemical.com

An **RPM** Company



DIRECTIONS FOR USE

Surface Preparation: BROWNTONE CS can be applied to freshly placed and finished concrete as soon as the surface bleed water has disappeared. On cured or older concrete, the surface should be thoroughly cleaned and dry before application of BROWNTONE CS.

Mixing: BROWNTONE CS should be gently agitated or mixed before using to distribute pigments evenly.

Application: Apply at a uniform coverage with an industrial hand held pump-up sprayer or by roller. Common garden-type sprayers should not be used. If applying by roller, use a short 3/8" (0.95 cm) nap, solvent resistant roller cover. One coat is normally sufficient for an even appearance and a good seal, but for a deeper color and greater protection, two thin coats may be applied. The prescribed coverage rates should be followed. If applying two coats, allow the first coat to dry tack-free before applying the second coat. Ensure even coverage and re-distribute any puddles or runs before the BROWNTONE CS dries. Protect freshly coated surfaces from rain for a minimum of 8 hours after application.

Application of BROWNTONE CS too heavily, in too many successive coats, or in multiple coats over time can cause bubbling, whitening, peeling, and ultimate failure of the product. To prevent over-application, it is good practice to measure the area to be sealed and the corresponding volume of product required based on the coverage rate. Also, applying BROWNTONE CS in hot weather or onto a hot surface can cause bubbling. If BROWNTONE CS is showing signs of over-application, scrub the surface with a solvent such as acetone* or xylene*, using a stiff natural bristle brush. Keep the surface wet with the solvent while scrubbing, adding more if necessary. The solvent will turn the sealer back into a liquid form, at which point excess material can be wiped off with a lint-free mop or towel. Do not apply additional sealer. After removing the excess BROWNTONE CS, a roller can be used to redistribute the remaining product evenly across the surface, adding more solvent as necessary to keep the sealer wet.

**Available at home improvement stores. Follow all safety precautions printed on the package.*

CLEAN-UP

Tools and equipment may be cleaned with EUCO SOLVENT, xylene, xylol or toluene. Run cleaning solvent through spray equipment to remove residual materials and prevent clogging of nozzle in future use.

REMOVAL

Dried BROWNTONE CS may be removed with strong solvents such as xylene or acetone. (Always follow package directions and warning labels). EUCO CLEAN & STRIP is a citrus-based stripper that can also be used to remove BROWNTONE CS. Alternatively, the product can be removed by sandblasting or by other similar mechanical action.

PRECAUTIONS/LIMITATIONS

- Material will not freeze in storage but should be allowed to rise to 50°F (10°C) or more before use.
- Excessive build-up of BROWNTONE CS or puddling of the product during application can lead to bubbling or whitening of the sealer and discoloration of the concrete.
- Do not apply when concrete surfaces or ambient temperatures are below 40°F (4°C). Do not apply to hot surfaces, in hot direct sun, or when the ambient temperature is above 90°F (32°C).
- Keep away from open flames, sparks, or other sources of ignition.
- If used on interior concrete, ensure adequate fresh air ventilation and block all HVAC ducts which may distribute solvent odor.
- Do not apply over concrete that will receive toppings, epoxy or urethane based coatings or adhesives.
- When installing carpet, tile and floor covering adhesives, a test section is recommended to ensure compatibility.
- Not resistant to gasoline or other automotive fluids.
- Do not thin this product.
- In all cases, consult the Material Safety Data Sheet before use.

Rev. 6.11

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