



BROWNTONE VOX

WATER-BASED, PIGMENTED CURE & SEAL FOR EXPOSED AGGREGATE CONCRETE

PACKAGING

5 gal (18.9 L) pails
Code: 359LB-05

1 gal (3.8 L) jugs (6 jugs per case)
Code: 359LB 95

CLEAN UP

Warm, soapy water
(see "Clean-Up and Removal")

SHELF LIFE

2 years when stored properly

SPECIFICATIONS/ COMPLIANCES

- VOC Content: 92 g/L
- ASTM C309, Type 1, Classes A & B
- AASHTO Specification M 148, Type 1, Classes A & B

DESCRIPTION

BROWNTONE VOX is a water-based sealer that enhances the appearance of exposed aggregate and other decorative concrete surfaces. BROWNTONE VOX is formulated with earth-toned pigments that especially highlight the natural color of exposed aggregate surfaces, making them look more even in color and richer in appearance. BROWNTONE VOX also provides protection against the damaging effects of daily traffic and weather. Although specifically formulated for exposed aggregate concrete, BROWNTONE VOX can be used on any concrete surfaces - new or old - where a translucent brown tint is desired.

PRODUCT CHARACTERISTICS

FEATURES/BENEFITS

- Enhances the natural tone and evens out the color of exposed aggregate and decorative concrete
- Protects concrete from the damaging effects of weather and traffic
- Non-yellowing

PRIMARY APPLICATIONS

- Exposed aggregate concrete
- Concrete pavers
- Colored and stamped concrete

COMMON METHODS

- Industrial pump-up sprayer with high solids-nozzle
- Short-nap roller

APPEARANCE

BROWNTONE VOX is a brown liquid in the container. After application and drying, BROWNTONE VOX will darken concrete to a brown color, and will have a low-gloss finish. A small test area is strongly recommended to confirm appearance prior to beginning full application.

APPLICATION PROPERTIES

These properties are based on laboratory conditions at 70 °F. Expect variation based on jobsite conditions.

Solids content:	> 25%
Dry to touch:	< 1 hour
Recoat:	4 to 24 hours
Foot Traffic:	4 to 6 hours
Wheel Traffic:	6 to 10 hours
Moisture Loss (ASTM C156):	< 0.40 kg/m ²

COVERAGE

New Concrete

1st Coat:	300 to 400 ft ² /gal (7.4 to 9.8 m ² /L)
2nd Coat:	300 to 400 ft ² /gal (7.4 to 9.8 m ² /L)

Existing Concrete & Re-Sealing

1st Coat:	300 to 400 ft ² /gal (7.4 to 9.8 m ² /L)
2nd Coat:	300 to 400 ft ² /gal (7.4 to 9.8 m ² /L)

*Coverage rates are approximations. Actual coverage will vary based on temperature, texture, and substrate porosity.

DIRECTIONS FOR USE

Surface Preparation: For existing concrete, the surface must be clean of any and all surface contaminants, and free of standing water. If applying BROWNTONE VOX to previously sealed concrete, call Euclid Chemical to check compatibility. If the chemical makeup of the previous sealer is unknown, a small test section is strongly recommended to check compatibility between BROWNTONE VOX and the old sealer. When applying BROWNTONE VOX to freshly poured concrete as a cure & seal, the surface bleed water must be allowed to evaporate prior to applying BROWNTONE VOX, and the surface must be hard enough as to not be marred during product application.

Mixing: BROWNTONE VOX should be gently agitated/mixed prior to use to distribute pigments evenly. Euclid Chemical water-based cure & seals, like BROWNTONE VOX, are not compatible with Euclid Universal Color Packs or Euco Grip. If use of color or slip-resistant additive is desired, consider using a Euclid Chemical solvent-based cure & seal instead.

Application: Apply at the recommended coverage rate using an industrial pump-up sprayer with a high-solids nozzle and a short-nap roller. Apply sealer uniformly to the concrete using sprayer, then lightly backroll the sealer to ensure even coverage. Maintain a "wet edge" while spraying, and backroll over sprayer lap marks for best appearance. BROWNTONE VOX may be applied by roller alone, but extra care must be taken to ensure that the sealer is applied uniformly, and at the proper coverage rate. Re-distribute any puddles or runs before BROWNTONE VOX dries. Protect freshly coated surfaces from rain or heavy fog for a minimum of 24 hours after application.

Application of BROWNTONE VOX too heavily, in too many successive coats, or in multiple coats from re-sealing too frequently can cause failure to dry completely, bubbling, whitening, peeling, flaking, and ultimately, failure of the product. To prevent over-application, it is good practice to measure the area to be sealed and then measure the corresponding volume of product required based on the coverage rate. In addition, applying BROWNTONE VOX in hot weather/direct sunlight or onto a hot surface can cause bubbling.

For additional guidance in applying Euclid Chemical curing and sealing compounds, visit our website to see an instructional video on the procedure.

CLEAN-UP AND REMOVAL

Tools and equipment may be cleaned with warm, soapy water immediately following use. Clean drips and overspray with warm, soapy water while still wet. Run warm, soapy water through spray equipment to remove residual materials and prevent clogging of nozzle in future use. If not cleaned immediately, the sealer may leave an unwanted residue on painted surfaces, glass, or wood.

Hardened/dried BROWNTONE VOX may be removed with a strong solvent such as xylene/xylol or MEK (always follow package directions and warning labels). EUCO CLEAN & STRIP is a citrus-based stripper that may also be used to remove this product. Alternatively, the product can be removed by sand blasting or other mechanical means.

PRECAUTIONS/LIMITATIONS

- Store BROWNTONE VOX indoors, protected from moisture, at temperatures between 50 °F and 90 °F (10 °C and 32 °C)
- Surface and ambient temperature during coating applications should be between 45 °F and 95 °F (7 °C and 35 °C)
- Material temperatures should be at least 50 °F (10 °C) and rising
- Do not apply BROWNTONE VOX to frost-filled or frozen substrates
- Do not apply BROWNTONE VOX in hot direct sunlight
- Do not apply BROWNTONE VOX over bleed water or free-standing water
- Do not apply BROWNTONE VOX if rain or heavy fog is expected within 24 hours of application
- Do not thin BROWNTONE VOX
- BROWNTONE VOX is not resistant to gasoline or other automotive fluids
- BROWNTONE VOX will enhance color and darken substrates
- Excessive build up of BROWNTONE VOX or puddling of the product during application can lead to failure to dry completely, bubbling, whitening, peeling and/or flaking of the sealer, and discoloration of the concrete
- Applying thicker than recommended, applying in cool/cold weather, prolonged exposure to moisture (high humidity, rain), or lack of air flow may result in the sealer remaining soft/wet/tacky for longer than the times found on this data sheet
- When floor covering adhesives will be used following BROWNTONE VOX application, a test area is recommended to ensure compatibility of the adhesive with BROWNTONE VOX
- Application of a test area is strongly recommended to confirm final appearance and texture of the product with the end user
- In all cases, consult the product Safety Data Sheet before use

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