

| | |
|--------------------------|---|
| BORDER CITY WHITE | WATER-BASED, WAX-BASED CONCRETE CURING COMPOUND |
| DESCRIPTION | The Border City White series of water-based, white-pigmented concrete curing compounds are wax-based dispersions with selected white pigments. When properly applied, Border City White forms a premium-grade membrane, which optimizes water retention. The white pigment reflects the sun's rays to help keep the concrete surface cooler and prevent excessive heat buildup. |
| USES | Border City White is ideal for application on exterior, horizontal surfaces, such as curbs, gutters, and canal concrete where reflectivity is desired. |
| TECHNICAL DATA | Drying Time: Typically dries in two hours, depending on jobsite conditions (temperature, wind, etc.). Restrict foot traffic for at least four hours. Flash Point: >212° F (100° C). |
| LEED INFORMATION | Drying Time: Typically dries in two hours, depending on jobsite conditions (temperature, wind, etc.). Restrict foot traffic for at least four hours. Flash Point: >212° F (100° C). |
| COVERAGE | Approximately 200 ft. ² /gal. (4.91 m ² /L). Coverage rates may have to be adjusted in windy conditions. |
| PACKAGING | Approximately 200 ft. ² /gal. (4.91 m ² /L). Coverage rates may have to be adjusted in windy conditions. |
| SPECIFICATIONS | <ul style="list-style-type: none"> •U.S. EPA Architectural Coatings Rule: 350 g/L maximum VOC for concrete curing compounds. •SCAQMD Rule 1113: 100 g/L maximum VOC for concrete curing compounds and waterproofing concrete/masonry sealers. •Ozone Transport Commission (OTC): 350 g/L maximum VOC for concrete curing compounds. •ASTM C 309, for reflectivity |
| FEATURES/BENEFITS | <ul style="list-style-type: none"> •When properly applied, provides a premium-grade film, which optimizes water retention. •Protects by reflecting the sun's rays to keep the concrete surface cooler and prevent excessive heat buildup, which can cause thermal cracking. •Furnished as a ready-to-use, true water-based compound. •Produces hard, dense concrete ... minimizes hair checking, thermal cracking, dusting and other defects. •Offers a compressive strength significantly greater than improperly or uncured concrete. •Increases tensile strength for greater resistance to cracking and surface crazing. •Improves resistance to the abrasion and corrosive actions of salts and chemicals ... minimizes shrinkage. |

| | |
|-----------------------------|--|
| APPLICATION | <p>Preparation ... Application equipment must be clean and free of any previously used materials.</p> <p>Mixing ... Any settling or separation in the container must be re-dispersed with gentle agitation prior to use. CAUTION: TO AVOID FOAMING, DO NOT MIX <u>EXCESSIVELY</u>. DO NOT THIN.</p> <p>Application Method ... Spray on in one even coat with a hand or power sprayer as soon as the surface water disappears from concrete surface. Use a Chapin 5797 (or equivalent) spray nozzle that produces a flow of 1/2 gal. (1.89 L) per minute under 40 psi (.276 MPa) of pressure.</p> <p>Cleanup ... Prior to drying, equipment may be easily cleaned with soap and water. Once dried, use mineral spirits or other suitable petroleum solvent.</p> |
| PRECAUTIONS | <p>KEEP FROM FREEZING. Do not apply when the temperature of the air and/or the concrete is less than 40° F (4° C). DO NOT MIX OR DILUTE WITH ANY OTHER PRODUCTS OR LIQUIDS. Do not use on surfaces that are later to be painted, tiled, hardened, sealed or treated in any manner. Do not use on patios, sidewalks or other areas where there is typically no wheel traffic to abrade the white film surface. Not recommended for use on residential applications.</p> |
| HEALTH AND SAFETY | <p>Direct contact may result in mild irritation. Read and follow all application, label, precautions, and health and safety information prior to use. Refer to the Material Safety Data Sheet for complete health and safety information.</p> |
| SHELF LIFE (TYPICAL) | <p>One year in original, unopened container.</p> |