



## TECHNICAL DATA SHEET CFS-CONCRETE DENSIFIER

**PRODUCT DESCRIPTION:** CFS-Concrete Densifier is a one component extra strength water based lithium based solution designed to densify cement and concrete substrates. The lithium based densifier reacts with the cementitious ingredients to densify while allowing deep penetration to chemically harden and fortify the substrate. After the chemical reaction occurs, the substrate will be more abrasion resistant and help protect the surface from wear, moisture and efflorescence while remaining breathable.

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| <p><b>BENEFITS OF USE:</b></p> <ul style="list-style-type: none"> <li>*Concrete sidewalks, drives or floors.</li> <li>*Increases durability by improving resistance to freeze thaw effects and improves abrasion resistance and durability.</li> <li>*Improves weathering, densifies and reduces efflorescence of natural stone, precast stone and cement.</li> <li>*Protects and fortifies concrete as it seals against moisture damage.</li> <li>*Application will reduce dusting and increase concrete life.</li> </ul> <p><b>VOLATILE ORGANIC CONTENT:</b><br/>Water based material with no VOC's</p> <p><b>COLOR:</b> Clear to very opaque color</p> <p><b>COVERAGE PER GALLON:</b> When the surface is fully saturated, coverage will depend on the absorptivity of the substrate resulting in 100 to 400 sq. ft. per gallon coverage.</p> <p><b>PACKAGING INFORMATION:</b><br/>1 gallon, 5 gallon</p> <p><b>SHELF LIFE:</b> One year in unopened containers when stored between 50-80 degrees F.</p> <p><b>FINISH CHARACTERISTICS:</b><br/>Normally, this product does not change the overall appearance of the substrate. After the material is applied and allowed to dry for 24 hours, it will not be readily apparent that the application has occurred, except the concrete will be fortified and strengthened.</p> | <p><b>ABRASION RESISTANCE:</b><br/>The application of this product will increase the abrasion resistance of substrates. Results will vary according to substrate type.</p> <p><b>ADHESION:</b> Because this material becomes an integral part of the surface that is treated and does not form an impermeable barrier, delaminations do not occur.</p> <p><b>DOT CLASSIFICATIONS:</b> Not regulated</p> <p><b>VISCOSITY:</b> Less than 25 cps</p> <p><b>CURE SCHEDULE: (70 DEGREES F)</b><br/>Allow the material to dry for a 24 hour period of time to obtain the maximum benefits of the application. This allows the material to react with the concrete and become an integral part of the substrate.</p> <p><b>APPLICATION TEMPERATURE:</b><br/>55-90 degrees F.</p> <ul style="list-style-type: none"> <li>*When properly used, this product can reduce water absorption while still maintaining greater than 50% breathability.</li> </ul> <p><b>PRIMER:</b> None required. If applying multiple coats, a wet edge should be maintained. If the CFS-Concrete Densifier dries between applications, water spotting may result.</p> <p><b>TOPCOAT:</b> None required. Multiple coats of this product are compatible (see information under primer.)</p> |
| <p><b>LIMITATIONS:</b></p> <ul style="list-style-type: none"> <li>*The surface can be damp prior to application but there should be no standing water or puddles. The best application would be with a dry substrate.</li> <li>*Remove all overspray before drying from all glass or metal surfaces as this product can etch the surface.</li> <li>*Under certain conditions, a precipitate may be deposited as the lithium solution dries. Always apply a test patch to determine the suitability before using.</li> <li>*Physical properties listed on this technical data sheet are typical values and not specifications.</li> </ul>  |  |