

TECHNICAL DATA SHEET



CLS DENSIFIER

**ADVANCED BLEND OF REACTIVE
NANO-MOLECULAR PARTICLES & LITHIUM SILICATE
HARDENERS & DENSIFIERS FOR CONCRETE**

**40 GROSSETT DRIVE, SUITE 200, KIRKWOOD, NY 13795
1 (800) 475-1975 • (607) 775-1948 • WWW.TRINIC.US • @TRINICLLC**   

DESCRIPTION

CLS densifier is a proprietary blend of Trinic LS Lockup (a lithium silicate based product) and a nano-molecular reactive particle. With the combination of the two you end up with particle sizes and chemistry to cover most all situations. CLS is a ready-to-use product with no dilution required. CLS is used as a polishing aid and as well as a finishing aid to hardened concrete as it is being troweled.

BENEFITS OF USE

WHAT LS LOCKUP CAN DO FOR CONCRETE

LS Lockup is a water-based lithium and silicate-based solution designed to densify and add waterproofing characteristics to cement and concrete substrates. The densifier reacts with the cementitious ingredients to densify and add water repellency 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.

WHAT CLS DENSIFIER CAN DO FOR CONCRETE

CLS is range of particle sizes from 1-100 nanometers. The range of particles fit the pores in a floor like a key in a lock allowing the contractor to densify a broad range of floor types It will form bonds with silica which is important on floors with little free lime to work with or overlays with no Portland cement.

DOSAGE RECOMMENDATIONS

CLS is a ready-to-use product.

SURFACE PREPARATION

All dirt, oil, dust, foreign contaminants and laitance must be removed to assure a trouble free application. Under certain conditions, a precipitate may be deposited as the lithium solution dries. Substrates with a high acid level will react with the lithium solution and can cause some neutralization of the material before it is absorbed into the surface leaving a white precipitate. This white precipitate is more readily noticeable on darker concrete and substrates. A test should be made to determine that none of these conditions exist. The substrate can be damp prior to application but there should be no standing water or puddles.

APPLICATION

Stir material before using. Apply material to surface of concrete with mop, broom, or sprayer. Keep the concrete surface saturated for 15-20 minutes reapplying to spots that are drying. After 15-20 mins remove any excess and allow surface to dry.

PACKAGING

Quarts
Gallons
5 Gallons

COVERAGE / YIELD

200-400 sq ft per gallon if applied properly.

SHELF LIFE

1 year

DISPOSAL

Follow all federal, state, and local regulations when disposing of this product.

LIMITATIONS

No known limitations when used as according to this TDS and other Trinic references.

WARRANTY

Warranty of this product, when used according to the directions, is limited to refund of purchase price, or replacement of product (if defective), at manufacturer / seller's option. Trinic products shall not be liable for cost of labor or direct and/or incidental consequential damages.

SAFETY DATA SHEET

SDS for all Trinic products can be found on our website or by contacting us directly.