



***SUPERCAP***<sup>®</sup>  
The Next Generation Slab<sup>®</sup>

## **TDS234S – LATICRETE<sup>®</sup> SUPERCAP<sup>®</sup> Decorative Coating System Guide**

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### **INTRODUCTION**

This Technical Data Sheet summarizes recommendations for how to use the LATICRETE SUPERCAP Decorative Coating System products together, what to expect aesthetically, and care & maintenance.

### **SYSTEM MATERIALS**

- LATICRETE SUPERCAP Moisture Vapor Control (as required, see below)
- LATICRETE SUPERCAP Primer Plus
- LATICRETE DRYTEK Epoxy Primer
- LATICRETE SUPERCAP SC500-PLUS
- LATICRETE SUPERCAP SC650-MC
- LATICRETE DRYTEK LEVELEX DL
- LATICRETE L&M LUMISEAL FX

### **WHERE TO INSTALL LATICRETE SUPERCAP DECORATIVE COATING SYSTEMS**

- Commercial / Retail
- Office
- Residential
- Hospitality
- Institutional
- Educational

#### *Limitations:*

- Interior only
- Not intended for industrial applications or fork truck traffic

### **INSTALLATION RECOMMENDATIONS**

1. Evaluate and prepare substrate per Technical Data Sheet TDS230S.
2. If moisture transmission rate from concrete is greater than 3 lbs/1,000 ft<sup>2</sup> (15 g/m<sup>2</sup>) per 24 hr as measured by ASTM F1869, or RH% is greater than 75% as measured by ASTM F2170, install LATICRETE SUPERCAP Moisture Vapor Control. See data sheet DS-061.0.
3. Prime the surface with LATICRETE SUPERCAP Primer Plus or LATICRETE DRYTEK Epoxy Primer. See TDS230S.
4. Install SC500-PLUS or LEVELEX DL. See data sheet DS-057.2 or DDS-078.1.
5. Allow minimum of 72 hours for drying of SC500-PLUS or LEVELEX DL (based on assumption of 70°F and 50% RH ambient conditions). Check for adequate dryness using the plastic mat method. Plastic mat method requires cutting a 2' x 2' (600mm x 600mm) sheet of 6 mil minimum polyethylene sheeting

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and taping down onto the SC500-PLUS surface using duct tape, allowing to dwell for 24 hours and observing surface for a dark or damp spot. When this test can be performed with no dark or damp spot present after removing the sheeting, the SC500-PLUS or LEVELEX DL is sufficiently dry to proceed to the next step.

6. Install decorative coating on the SC500-PLUS or LEVELEX DL:
  - a. LUMISEAL FX: see DS-172.5-0415
  - b. For alternate coatings, consult Technical Services.

## AESTHETIC CONSIDERATIONS

There are several advantages of LATICRETE SUPERCAP Decorative Coatings Systems versus other hard-surface floor goods. First of all, the SC500-PLUS or LEVELEX DL self-leveling material is poured on-site. This means that the installer typically can place a continuous surface throughout an existing floorplan without as many seams and transitions required with other finishes. Secondly, the designer has a several options for colors and sealing.

The same natural aesthetic variations that enhance the beauty of marble and granite, for example, can also impart attractiveness to decorative concrete floors using clear coatings. Variations left during the pouring of the product as well as other subtle shading add to the natural character of the surface.



Some of the aesthetics that could be seen in finished LATICRETE SUPERCAP Decorative Coating Systems are:

1. **Shade Variations** – This is random and is almost always evident to some degree with self leveling materials, due to varying jobsite conditions and the raw materials which give SC500-PLUS or LEVELEX DL its excellent placement and physical properties. Note that if using a clear sealer, shade variations will be visible. In use of pigmented systems, these variations in the coloration of the SC500-PLUS or LEVELEX DL will of course not show through to the surface.
2. **Surface Texture** – SC500-PLUS or LEVELEX DL surface appearance and texture may vary from smooth to a slight texture (orange peel). This is due primarily to environmental conditions such as temperature, air movement, substrate condition and type.
3. **Hairline Cracking** – This can appear when structural building movement is present.

It should be noted that the above-mentioned variation is not evidence of manufacturing defects.

## CARE & MAINTENANCE

- **Post-Installation Protection:** If the installation of the decorative concrete floor is followed by any other trades, construction activity, appliance installation or major furniture placement, the floor **MUST** be protected. The absolute minimum protection should be one layer of construction paper and one layer of 3/8" (9mm) Masonite with taped joints.
- **Grit Control:** Controlling grit is crucial to prolonging the attractive appearance of your decorative concrete flooring. The best way to control grit is simply by using walk-off mats. Recommended mats have high friction open surface designed to knock particles off the bottom of shoes and then trap the

particles. Ideally mats should be used at every entrance and should be as wide as the doorway and approximately 5' – 6' long. Walk-off mats designed for exterior doorways are the most desired.

- **Furniture:** It is best practice to use plastic, rubber or felt contact points on feet of furniture and/or items to be placed and used on floor. Use protective mat under wheeled chairs. All should be tested to assure they do not leave marks on the new architectural floor.
- **General Maintenance:**
  1. Dust mop or sweep (dust-mopping is the most effective).
  2. Clean Floor using a cotton mop and a neutral pH cleaner (e.g. STONETECH® Tile & Stone Cleaner) according to label instructions.
  3. LUMISEAL FX coated floors would typically provide a semi-gloss finish. To maintain or achieve a gloss finish, spray buff or high-speed spray buff using SC Johnson “Snapback” or equal with a white or burnishing pad. If less gloss is desired, use an aqua pad.
  4. If matte finish is desired, coat with a suitable matte finish sealer as directed by the product instructions.
  5. Floors should be kept clear of standing water or contaminants which could cause slippage.
- **Long-Term/ Re-Coating Maintenance:** Frequency of long-term maintenance will depend on traffic and low or high usage of flooring. If heavy usage (i.e. shopping mall traffic, airport, hotel, etc.) a once per month program is desired. If a medium usage application (i.e. retail store, restaurant, office building, etc.) a re-coating every 3-4 months is desired. If a low usage application (i.e., residential, low usage office, etc.) re-coating every 6 months is desired. Refer to TDS420 for additional maintenance information. Refer to wax manufacturer’s instructions for recoating guidelines.

## WARRANTY

See [www.laticretesupercap.com](http://www.laticretesupercap.com).

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