



# Installation Guideline for Installing SPARTACOTE™ over Existing Tiled Surfaces TDS 450

LATICRETE International, Inc. strongly recommends the use of licensed coating contractors who have demonstrated their commitment to their craft and taken the time to stay current with the latest materials and methods. Requiring references and a portfolio along with a bid or estimate is a good way to ensure the contractor has successfully completed work of similar size, scope, and complexity. Please read application instructions in their entirety prior to installation and contact LATICRETE with any question before you begin any coating project.

LATICRETE resinous flooring products are manufactured with the highest regard for quality, functionality and performance. The following provides a guideline to the proper installation of SPARTACOTE Resinous Systems over existing tiled surfaces.

## **SUBSTRATE PREPARATION:**

The existing tiled surface should be cleaned and structurally sound with no cracks or missing tiles present. If there are any missing or cracked tiles, these should be addressed prior to the installation. Failure to do so would increase the likelihood of these issues transmitting up through the system and into the finished flooring. Once the cracked or missing tiles has been addressed using the appropriate repair product, the following surface preparation should be done.

### ***Epoxy Build (Leveling) Coat Option:***

1. Clean and degrease the surface of the tiles to remove any oils, grease, or sealers that may be present from the floor previously being in service. [L&M™ CITRIX™](#) can be used following the installation guidelines outlined on the product datasheet. Repeat as needed to remove all oils and grease. Rinse and allow surface to dry prior to proceeding.
2. **CEMENT BASED TILES:** Profile the surface of the cement tiles to achieve an International Concrete Repair Institute (ICRI) Concrete Surface Profile (CSP) of 3. This can be done with the use of a floor grinder with PCDs or bush hammer discs or with the use of a shot blaster.

**CERAMIC, PORCELAIN, & QUARRY TILES:** Less of a profile is needed with these tile types when installing resinous flooring atop. The surface of these tiles can be profiled by using a sanding screen or floor grinder to remove all glaze from the tiles. This profile should leave a dull surface with no shine. **It is not recommended to install any resinous systems over glass tiles.**

3. Vacuum all dust from the surface of the newly profiled tiles. This should be followed by a solvent wipe of acetone or Xylene using a micro-fiber cloth or pad. Make sure the cloth or pad is fully saturated with the solvent throughout the solvent wipe. Vacuum and solvent wipe again, if necessary, to assure all dust is removed prior to proceeding with the primer application.
4. Although not required, it is recommended that a primer be installed prior to the installation of the epoxy build (leveling) coat. This primer is suggested as it allows for better bond strength of the subsequent coating and overall better performance of the resinous system. [SPARTACOTE General Primer](#), [SPARTACOTE Oil Tolerant Primer](#), and [SPARTACOTE WB Epoxy Primer](#) are all great primer options for this type of install. See the applicable datasheet of the chosen primer for mixing and installation instructions. Observe proper recoat windows for the primer chosen.
5. If a primer was used, make sure you install the epoxy build (leveling) coat within the recoat window. The epoxy build (leveling) coat, for installs over tile, should be one of the SPARTACOTE Surface Build Epoxies. [SPARTACOTE Surface Build Pigment Base](#) can be used if a pigmented build coat is sought while [SPARTACOTE Surface Build Clear](#) can be used for a clear build coat. Install the epoxy build (leveling) coat in accordance to the written installation instruction on the product datasheet. It is best for this application to be installed via a squeegee or seal coat broom held at a 45 degree angle to the grout joints. This assures proper filling of the joints. Once the build (leveling) coat is cured you will proceed to install the SPARTACOTE resinous system of your choice.

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***Alternate Thin-Set Option::***

1. Clean and degrease the surface of the tiles to remove any oils, grease, or sealers that may be present from the floor previously being in service. [L&M™ CITRIX™](#) can be used following the installation guidelines outlined on the product datasheet. Repeat as needed to remove all oils and grease. Rinse and allow surface to dry prior to proceeding. Although this option does not require the existing tiles to be profile, it is imperative that the tiles are cleaned well.
2. Mix [254 Platinum](#) in accordance with the product datasheet. The properly mixed thin-set should resemble smooth peanut butter. Working in sections about the width of your arm spread, use the flat side of a trowel to apply the mortar to the substrate pressing firming to work it into the surface. This should leave a thin layer on the surface of the tiles while completely filling in the grout joints. Allow this mortar to cure for a minimum of 24 hours at 70°F (21°C) and 50% RH. For increased performance a 72 hour cure time is recommended prior to the installation of the resinous system.
3. Depending on the application of the 254 Platinum and the resinous system to be installed, it may be necessary to lightly sand the surface of the mortar to remove and high spot or peaks that may be present. This can be done with the use of an 80-100 grit sanding screen on a floor buffing machine or a drywall pole sander.
4. Vacuum all dust from the surface and follow with a solvent wipe of acetone or Xylene using a micro-fiber cloth or pad. Make sure the cloth or pad is fully saturated with the solvent throughout the solvent wipe. Vacuum and solvent wipe again, if necessary, to assure all dust is removed prior to with the resinous flooring installation.

Please note that this method is applicable for interior applications only. The application of this system does not negate the use and need for any movement or control joints to transmit up through the system where they are in the slab or tile installation. Proper PPE for the products used should be worn and can be found on the applicable product's Safety Data Sheet (SDS). Precautions should be followed to limit dust exposure from grinding and sanding. When the installation guidelines above are followed, the SPARTACOTE Resinous System should give you years of performance and beauty.

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**LATICRETE INTERNATIONAL, INC.** ▪ 1 LATICRETE Park North ▪ Bethany, CT 06524-3423 USA  
800.243.4788 ▪ [support@laticrete.com](mailto:support@laticrete.com) ▪ [www.laticrete.com](http://www.laticrete.com)

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