



LATICRETE Colored Adhesive Mortars TDS 187

With the increase in the amount of glass mosaic tile being installed, there are times when, for aesthetic reasons, a colored adhesive mortar is specified. This can be for use in swimming pools, backsplashes, showers, bathrooms, or anywhere where glass tile will be installed. While finding pre-packaged, colored tile adhesives (other than grey or white) is nearly impossible, it is very easy to create a high-performance mortar out of readily available LATICRETE products which is suitable for use in many applications, including submerged.

For installations in which a colored tile adhesive is required, there are several options:

Glass Tile Adhesive: PERMACOLOR® Select Color Kits can be mixed with Glass Tile Adhesive as follows - Mixing LATICRETE Glass Tile Adhesive with PERMACOLOR® Select Color Kits requires 1 PERMACOLOR Select Color Kit (each PERMACOLOR Select Color Kit contains 2 individual color packets, use both color packets). Remove color packets from the cardboard container as well as the protective plastic sleeve. The internal bag is a water dispersible pack – when using the 25 lbs. (11.3 kg) bag of Glass Tile Adhesive, drop both color packets directly into 2.5 – 2.6 quarts (2.4 – 2.5 L) of potable water in a clean mixing container. Mix with a drill mixer until pigment is dispersed evenly in container and the dispersible packet is no longer visible. Add Glass Tile Adhesive and mix as directed above. Please note that additional water may be necessary when using PERMACOLOR Select Color Kits. See data sheet [252.0](#) for more complete and up-to-date mixing information.

254 Platinum (White): PERMACOLOR Select Color Kits can be mixed with 254 Platinum as follows - Mixing with PERMACOLOR Select Color Kits with 254 Platinum (white only) requires 2 PERMACOLOR Select Color Kits (each PERMACOLOR Select Color Kit contains 2 individual color packets, use all 4 color packets). Remove color packets from the cardboard container as well as the protective plastic sleeve. The internal bag is a water dispersible packet – when using the 50 lbs. (22.7 kg) bag of 254 Platinum, drop all color packs directly into 5.5 quarts (5.2 L) of potable water in a clean mixing container. Mix with a drill mixer until pigment is dispersed evenly in water and the dispersible packet is no longer visible. Add 254 Platinum and mix as directed above. Please note that additional water may be necessary when using PERMACOLOR Select Color Kits. See data sheet [677.0](#) for more complete and up-to-date information.

257 TITANIUM™ (White): PERMACOLOR Select Color Kits can be mixed with 257 TITANIUM (White) as follows - Mixing with PERMACOLOR Select Color Kits with 257 TITANIUM (white only) requires 2 PERMACOLOR Select Color Kits (each PERMACOLOR Select Color Kit contains 2 individual color packets, use all 4 color packets). Remove color packets from the cardboard container as well as the protective plastic sleeve. The internal bag is a water dispersible packet – when using the 25 lbs. (11.3 kg) bag of 257 TITANIUM, drop all color packs directly into 4.6 – 4.8 quarts (4.4 – 4.5 L) of potable water in a clean mixing container. Mix with a drill mixer until pigment is dispersed evenly in water and the dispersible packet is no longer visible. Add 254 Platinum and mix as directed above. Please note that additional water may be necessary when using PERMACOLOR Select Color Kits. See data sheet [292.0](#) for more complete and up-to-date information.

MULTIMAX LITE™ (White): PERMACOLOR Select Color Kits can be mixed with MULTIMAX LITE as follows - Mixing with PERMACOLOR Select Color Kits with MULTIMAX LITE (white only) requires 2 PERMACOLOR Select Color Kits (each PERMACOLOR Select Color Kit contains 2 individual color packets, use all 4 color packets). Remove color packets from the cardboard container as well as the protective plastic sleeve. The internal bag is a water dispersible packet – when using the 25 lbs. (11.3 kg) bag of 254 Platinum, drop all color packs directly into 5.2 – 5.4 quarts (4.9 – 5.1 L) of potable water in a clean mixing container. Mix with a drill mixer until pigment is dispersed evenly in water and the dispersible packet is no longer visible. Add MULTIMAX LITE and mix as directed above. Please note that additional water may be necessary when using PERMACOLOR Select Color Kits. See data sheet [328.0](#) for more complete and up-to-date information.

253 Gold (White): PERMACOLOR Select Color Kits can be mixed with 253 Gold as follows - Mixing with PERMACOLOR Select Color Kits with 253 Gold (white only) requires 2 PERMACOLOR Select Color Kits (each PERMACOLOR Select Color Kit contains 2 individual color packets, use all 4 color packets). Remove color packets from the cardboard container as well as the protective plastic sleeve. The internal bag is a water dispersible packet – when using the 50 lbs. (22.7 kg) bag of 254 Platinum, drop all color packs directly into 5.5 quarts (5.2 L) of potable water in a clean mixing container. Mix with a drill mixer until pigment is dispersed evenly in water and the dispersible packet is no longer visible. Add 253 Gold and mix as directed above. Please note that additional water may be necessary when using PERMACOLOR Select Color Kits. See data sheet [296.0](#) for more complete and up-to-date information. Please note that 253 Gold is not suitable for submerged or steam room applications, and, is not recommended for installation of glass or glass mosaic tiles.

Please note that the color achieved by mixing the above mentioned combination may not exactly match the LATICRETE Grout Color Card ([DS 254.3](#)). Always conduct a test area to determine suitability and acceptability of both the performance of the installation and the visual effects.

For rear mesh mounted glass mosaic tiles, it is recommended to check with the glass tile manufacturer or supplier to see if a latex-based cementitious adhesive can be used with their tile for a particular application (e.g. swimming pool). Some adhesives used to bond the mesh to the back of the glass mosaic tile may not be suitable for submerged applications or may be sensitive to high pH.

For the one-step installation of paper-face mounted glass mosaic tile, please refer to [TDS 145](#) "Installation of Glass Mosaic Tile", for more information.

Note: The performance properties (e.g. shear bond strength, compressive strength, absorption rate, etc...) and final color of the colored adhesive mortars may vary from properties shown in the product data sheets and the final color as shown in the LATICRETE Grout Color Card. The physical properties of these products are dependent upon proper and consistent mix ratios, installation techniques and jobsite conditions. Please verify performance and appearance with a job site test.

Technical Data Sheets are subject to change without notice. For latest revision, check our website at <https://laticrete.com>
TDS 187.doc R 18 February 2020



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