



# 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, the best choice is to mix PERMACOLOR® Grout ([DS 250.0](#)) with 4237 Latex Additive ([DS 230.1](#)). With this combination, it is possible to mix the 4237 Latex Additive with any of 40 PERMACOLOR Grout colors to create a wide range of visual effects behind the tile. Please note that the color achieved by mixing the above mentioned combination may not exactly match the LATICRETE Grout Color Card ([DS 254.3](#)) and is not suitable for installations over exterior glue plywood substrates (please refer to LATICRETE DS 230.1 for more information on suitable substrates). Always conduct a test area to determine suitability and acceptability of both the performance of the installation and the visual effects.

PERMACOLOR Grout gauged with 4237 Latex Additive can be used in the one-step method (setting and grouting in one-step) for paper-face mounted glass mosaics only, and should not be used to try to set and grout rear mesh mounted glass mosaic tiles. 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, mix 3 quarts (2.9 L) of 4237 Latex Additive with 25 lbs (11.3 kg) of PERMACOLOR Grout. See [TDS 145](#) "Installation of Glass Mosaic Tile", available at [www.laticrete.com](http://www.laticrete.com) for more information.

Note: The performance properties (e.g. shear bond strength, compressive strength, absorption rate, etc...) and final color of PERMACOLOR Grout gauged with 4237 Latex Additive 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 [www.laticrete.com](http://www.laticrete.com)  
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