



Storage & Handling of LATICRETE® Materials TDS 106

STORAGE OF LATICRETE MATERIALS:

LATICRETE® products should be stored in at room temperature whenever possible. Protect liquids from freezing and excessive heat. Do not store containers in unheated warehouses subject to freezing. Latex should be stored away from warm areas, boilers or heating rooms. Stir each container well before removing material. LATICRETE® Latex Additives should be smooth, creamy and free from coagulation, lumps or hard materials. Stir material thoroughly each time, before pouring from container. Keep containers covered to prevent contamination. Powders should be stored off the ground in dry areas.

IN TRANSIT OR SHIPMENT:

Protect latex, epoxy, ready-to-use products, sealers, construction chemicals, polyaspartic coatings, etc..., from freezing conditions. If material should arrive frozen, please refer to applicable data sheet to determine if product cannot freeze. Contact LATICRETE Technical Services at 1.800.243.4788 x1235 if product arrives frozen.

WHEN INSTRUCTIONS REQUIRE DILUTION WITH WATER:

If using a product which may require dilution (e.g. LATICRETE NXT® Primer), place the required amount of latex, primer, etc... in a clean container and then add clean, potable water (or gauging liquid) while stirring.

HAND MIXING:

Use a pre-bagged prepared mortar mix (e.g. 3701 Fortified Mortar Bed) or prepare the dry mixture of cement and sand separately. Use a clean mortar box, wheelbarrow or pail. Place the required amount of mixing liquid in the mixing container. Add the contents of the LATICRETE mortar or dry cement/sand mixture slowly while mixing. Adjust the mixture to the proper consistency with a small amount of additional mixing liquid or dry powder as required. Use more mixing liquid to make a "plastic" mortar. Add more dry powder to stiffen the mix. A slow speed electric drill or rotating pail mixer can also be used with the above procedures. Place liquid into vessel first and then add powder while mixing.

MACHINE MIXING:

Use a mortar mixer with rotating paddles. **DO NOT USE A ROTATING DRUM CEMENT MIXER SINCE LATEX FORTIFIED MORTARS WILL STICK AND BUILD UP ON SIDES, RESULTING IN IMPROPER MIXING.** Start the blades and add the dry bagged mortar mix. If sand and cement are to be mixed, first place latex into mixer with blades stopped. Then start mixer blades rotating and add the sand. Quickly add the required amount of portland cement. Allow the blades to rotate 20-30 revolutions or until the mortar is completely wet out. As soon as the mortar is wet and uniform, discharge it from the mixer. **DO NOT ALLOW THE MORTAR TO REMAIN IN THE MIXER WITH THE BLADES ROTATING** - this will entrap air and produce a weak mortar.

CLEANING EQUIPMENT AND TOOLS:

Scrub down and clean equipment promptly after each use. Water will be sufficient for cleaning before the mortar hardens. Latex mortar adheres strongly to metal tools and equipment and is resistant to acid cleaning. No problem with cleaning will be encountered if it is done promptly.

Technical Data Sheets are subject to change without notice. For latest revision, check our website at <https://laticrete.com>
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