



Storage & Handling of LATICRETE®

Latex Additives

TDS 106

STORAGE OF LATEX MATERIALS:

LATICRETE latex liquids should be stored in containers at room temperature whenever possible. Protect 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.

IN TRANSIT OR SHIPMENT:

Protect latex additives from freezing weather whenever possible. If material should arrive frozen, place in heated area and allow it to thaw completely. Stir well before using. Material is not damaged by occasional exposure to frost.

WHEN INSTRUCTIONS REQUIRE DILUTION WITH WATER:

Place the required amount of latex in a clean container and then add clean, potable water while stirring.

HAND MIXING:

Use a pre-bagged prepared mortar mix (e.g. LATICRETE 226 Thick Bed Mortar), or prepare the dry mixture of cement and sand separately. Use a clean mortar box, wheelbarrow or pail. Place the required amount of latex 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 "plastic" consistency with a small amount of additional latex or dry powder as required. Use more latex to make a softer 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 latex in bottom of pail, 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 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.

NON-TOXIC ▪ NON-FLAMMABLE ▪ NON-HAZARDOUS:

LATICRETE Latex Additives are non-toxic, non-flammable, and non-hazardous during shipment, storage, mixing, application and when fully cured.

Technical Data Sheets are subject to change without notice. For latest revision, check our website at www.laticrete.com

TDS 106.doc

R 5 November 2007