

OVERLAY THIN (OLT) Fact Sheet
Tech-Data Bulletin C-1.13 (partial)

HAZARDS: Inhalation of airborne silica dust, abrasion to eyes, drying of skin.

SAFETY: Wear NIOSH/OSHA approved dust mask for silica bearing sands. Wear gloves. Use eye protection. Control dust in the environment with ventilation and timing. If eye irritation occurs flush with water. Do not rub eyes. See a doctor if any problem persists.

USE: Apply thin coat, 1/32 to 3/16 inch (1mm to 5mm) thick, to resurface, coat, repair confined cracks or tears in concrete, decorative finishes or plastering of concrete, brick, stone, drywall, EPS (recommended 2 pound density), interior OSB, isocyanurate insulation with embedded glass scrim. Call (541) 562-2000 with surface application questions. Overlay Thin (OLT) will bond to EPS, isocyanurate insulating board with embedded scrim, metal, glass and some wood products (interior use only) such as OSB. May be used for interior and exterior, vertical, overhead and horizontal applications.

COVERAGE: One 60-pound pail mixed with LA-400 will cover up to 125 square feet (11 square meters) depending on thickness.

MIX: Use approximately 1 2/3 gallons LA-400 to a 60 lb pail Overlay Thin (OLT) powder. Pour LA-400 in a pail and slowly add powder while mixing with a drill mixer paddle at low speed until mixture is smooth. Adjust as necessary to achieve desired slump. Typical consistency is heavy "batter."

COLORS: Many popular colors available.

APPLICATION: Substrate, air temperature and materials must be above 50F (10C) during application and for 72 hours after application. Substrate must be fairly uniform so depth of OLT will be uniform thickness.

Trowel apply with a squeegee motion, establishing a base coat and troweling over it with another very thin coat as it begins to "take-up." Lines and other flaws can be repaired when the surface is hard by sanding or troweling product into the flaw. Practice making samples before attempting large jobs. OLT may be applied with a hopper gun or plaster gun and finished with a "knock-down" or left "as is" on walls, floors, or over stencils. Two coats are recommended for applications > 1/8" thick

CURING: Durable in a few hours, OLT achieves most structural properties in 72 hours depending on ambient temperature.

SEALING: OLT may be sealed with Permashield as soon as hard to the touch and not prone to scuffing. Wait 24 hours to seal with Permaglaze for ambient temperatures above 65F (18C) , 48 hours if ambient temperature is below 65F (18C).

STORAGE: LA-400 must be stored above freezing. If LA-100 has been frozen do not use. Keep OLT closed, covered and dry, out of direct sunlight.