LIFE™

Product Specifications

LD7530

Clear Aliphatic Moisture Cure Urethane

Description
LD7530 is a single component aliphatic moisture cure urethane designed as a UV resistant and mar resistant finish coat for cementitious floors and floor coating systems

Uses
✔Concrete Floors
✔Storage Tanks
✔Milling & Mining Areas
✔Steel Structures & Bridges
✔Food Processing Facilities
✔Petrochemical Plants
✔Aircraft Hanger Decks
✔Water Treatment Plants
✔Power Generating Plants

Advantages
✔Superior U.V. Resistance
✔VOC Compliant
✔Chemical Resistant
✔Excellent Color and Gloss Retention
✔Impact & Abrasion Resistant
✔Versatile Application- Spray, Roll, Brush, or Sponge

Coverage 300-400 sq.ft. per gallon @ approximately 1.5 mils dry. Do not exceed wet film thickness.

Packaging
1 gallon kits

Inspection
Surface must be structurally sound, dry and free of oil, grease, curing agents, dirt, dust or other foreign material that may prevent proper adhesion.

Surface Preparation
Prepare clean, bare concrete by sanding, grinding, water blasting, sandblasting or shot blasting to achieve a clean, profiled and uniform surface that will allow the product to adhere and bond permanently. The surface must be porous or rough enough to allow the product to penetrate. (Resembling fine sandpaper). Muriatic Acid (blended 1:4 with water) may be used to etch bare concrete and will require baking soda or soda ash to neutralize. (Please use caution when working with acid. Read and follow all warnings and instructions on label). Clean the surface entirely with TSP and rinse completely with water several times. Remove mildew or algae using 50/50 blend of household bleach and water, rinse thoroughly. The most common reason for coating failure is lack of preparation.

Coating Application
The material may be sprayed, rolled, brushed, or sponged on. Adverse conditions may retard curing and delay the recoating. Consult a manufacture representative regarding spray application.

Limitations
- Do not apply in temperatures below 50°F or above 90°F.
- Do not apply unless temperature is 10° above the dew point.
- Opened material must be used within 2 days.
- Moisture, fog, rain or overnight condensation may cause urethanes to loose their gloss.

Clean Up
Use Acetone or xylene. (Caution; flammable liquids).

Warning: KEEP CONTAINER CLOSED WHEN NOT IN USE. KEEP OUT OF REACH OF CHILDREN. NOT FOR INTERNAL CONSUMPTION. FOR PROFESSIONAL USE ONLY BY A QUALIFIED TECHNICIAN. Consult the Material Safety Data Sheet for further health and safety information.

LD7530 Typical Physical Properties
LD7530 is a one-component aliphatic cure coating that cures rapidly in the presence of atmospheric moisture. It forms films that are light stable, touch, abrasion resistant and exhibit good chemical resistance.

VOC, grams/liter - <250
Weight/Gallon, LBS - 8.0
Weight Solids, % - 30
Brookfield Viscosity, 30-40 crps @77F
Dry Time, 77F - 3 hours
Impact, inch-pounds Direct - 140 Reverse - 40
Pencil Hardness - 2 H
Taber Abrasion, CS 17 Wheel, 1000g load, 1000 cycles, mg loss - 8.4

Four Hour Spot Tests
IPA - No Effect
MEK - No Effect
Toluene - No Effect
50% Sodium Hydroxide - No Effect
50% Phosphoric Acid - No Effect
Aniline - Stain Only
50% Sufuric Acid - Stain Only
37% Hydrochloric Acid - Lifting
100% Acetic Acid - Failure

This product contains chemicals known to the State of California to cause cancer, birth defects and reproductive harm. The maximum V. O. C. of this product does not exceed 50 grams/liter. WARNING! If you scrape, sand or remove old paint, you may release lead dust. LEAD IS TOXIC. Contact the National Lead Information Hotline at 1-800-424-LEAD or log on to www.epa.gov/lead.