

LIFE

SPECIALTY COATINGS

Thin Film Epoxy

100% Solids - Resinous Floors

Specification Guide

Standard 2:1 Epoxy

Note

■ *When working with epoxies, subsequent coats, or recoats, must be completed before 48 hours after the previous application. If not, sanding of the cured application is recommended to ensure subsequent coat adhesion.*

Primer

In a clean and dry bucket, thoroughly mix two parts A with one part B of LD 12 Series epoxy together by volume. Combine using an agitator, jiffy mixer or stir stick. Mix for at least 2 minutes or until completely combined, scraping the sides and bottom of mixing bucket. Only prepare the amount you can use in 25 minutes or less (larger batches than 1.5 gallons may short pot life.) The primer is ready to be applied by brush, roller, or squeegee. If using a squeegee, be sure to back roll for uniform coverage. Coverage should be approximately 200-300 sq. ft. per gallon.

Top Coat

In a clean and dry bucket, thoroughly mix two parts A with one part B of LD 33 Series epoxy together by volume. Combine using an agitator, jiffy mixer or stir stick. Mix for at least 2 minutes or until completely combined, scraping the sides and bottom of mixing bucket. Only prepare the amount you can use in 25 minutes or less (larger batches than 1.5 gallons may short pot life.) The top coat is ready to be applied by brush, roller, or squeegee. If using a squeegee, be sure to back roll for uniform coverage. Coverage should be approximately 200-300 sq. ft. per gallon.

Thinning

100% Solids epoxy may be thinned up to 1 quart of a solvent such as acetone or xylene for ease of application.

Optional Materials

For a faster dry time of the Top Coat, the LD 31 Series can be used in direct replacement of the LD 33 Series.

Additional Top Coats

- 31-96 Clear water based epoxy. Adds extra durability and protection to final color coat.
- LD2003 CRU Chemical Resistant Urethane. Adds superior chemical resistance, abrasion tolerance, scratch resistance, UV protection and damage protection to the final color coat. Available in gloss (LD2003) or satin (LD2004).
- LD2009 Polyurea. Adds chemical and abrasion resistance, protects final color coat from damage and UV resistance. Available in a 2 hour (LD2009), 4 hour (LD9750), or 12 hour (9790) dry time.

Anti-Slip

- Safe T Grip. Adds a soft, light texture to help prevent slip. (3 oz by weight per gallon.)
- E263. Adds a more aggressive texture to help prevent slip even while wet. (1 pound by weight per gallon.)
- While mixing components A & B of the final coat, add anti-slip aggregate by mixing the appropriate amount.

