



Dudick inc.

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**PRIMER 67DP LV
LOW VOC
DEEP PENETRATING,
MOISTURE TOLERANT
EPOXY PRIMER FOR
DENSE HIGH COMPRESSIVE
STRENGTH CONCRETE**

FEATURES

Strengthens surface of Concrete
Aids in penetration of dense concrete and other substrate surfaces.
Low VOC primer

RECOMMENDED APPLICATIONS

CMU Substrates
Wall Board Substrates
Concrete Substrates
Primer for Epoxy and Urethane Systems

PHYSICAL PROPERTIES

Tensile Strength 2,000 - 2,500 PSI
 ASTM D-638
Adhesion to Concrete Cohesive Failure
 ASTM D-7234 of concrete
VOC Content <45 g/l
 ASTM D-2369

SPECIFICATIONS

Primer shall be 3-4 mils WFT, 75% solids epoxy cured with an amine hardener as manufactured by Dudick Inc. **Primer 67DP LV** shall be brush, roller or spray applied in accordance with the manufacturer's recommended practices. When spray applied backrolling is recommended.

Primer 67DP LV is designed to deeply penetrate concrete and CMU surfaces. *After priming with Primer 67DP LV, inspect primed surface for dry spots and apply a second coat if necessary. The finished primed concrete must have a "sheen" however, Dry Film Thickness shall not exceed 4 mils. Primer 67DP is not suitable for use as mortar mix.*

ESTIMATING QUANTITIES

| CONCRETE & CMU | |
|----------------|--------------------------|
| Primer 67DP LV | 150-200 ft. ² |

**Quantities shown are for estimating purposes only. Actual field usage may vary.

Substrate porosity will affect cover rate.

APPLICATION INSTRUCTIONS

SURFACE PREPARATION

Refer to specific product bulletin where **Primer 67DP LV** is being used for surface preparation requirements of the substrate.

APPLICATION SPECIFICATIONS

Substrate temperature must be between 50°F and 110°F.

Relative humidity must not exceed 90%.

Substrate temperature must be 5°F above Dew Point.

PRIMER 67DP LV MIX RATIO (BY VOLUME)

Component A 79 fl. oz.
Component B 49 fl.oz.

The pot life of the mixed **Primer 67DP LV** will depend on the temperature. To prevent material waste and avoid damage to equipment, do not mix more material than can be used according to the following table:

PRIMER 67DP LV POT LIFE

| TEMPERATURE | POT LIFE |
|-------------|----------|
| 50°F | 90 min. |
| 75°F | 60 min. |

| | |
|------|---------|
| 90°F | 30 min. |
|------|---------|

At 75°F the pot life and thin film cure of **Primer 67DP LV** can be decreased by the addition of Accelerator #1 as follows:

| Ozs./Accelerator #1 per mixed gal. Primer 67DP LV | Pot Life | Thin Film Cure |
|---|----------|----------------|
| 2-3 | 36 min. | 4 hrs. |
| 4-5 | 15 min. | 2 hrs. |

Do not attempt to store mixed material. Residual material should be properly disposed of at the end of each work period.

PRIMING

Mix the pre-measured units of **Primer 67DP LV Component A with Component B**. Prime all surfaces to be coated with Primer 67DP LV at 3-4 mils WFT. Multiple applications may be necessary depending on condition and porosity of the substrate.

Contact Dudick representative for recommendations for spray applications.

Important - With all epoxies after priming and before each additional coat, examine the surface for amine blush (oily film). If present, remove by washing with warm water and detergent.

Primer 67DP LV Cure Cycle:

| Temperature | Minimum Recoat Time | Maximum Recoat Time |
|-------------|---------------------|---------------------|
| 50°F | 12 hrs. | 8 Days |
| 75°F | 6-8 hrs. | 5 Days |
| 90°F | 4-5 hrs. | 3 Days |

Application of **Primer 67DP LV** in direct sunlight may lead to blistering, pinholes, or wrinkling due to outgassing of air in the concrete and high substrate temperatures. Double priming, shading, or evening application may be required. Consult a Dudick representative.

If recommended recoat times are exceeded, consult a Dudick Representative; sanding or abrasive abrading the surface of the **Primer 67DP LV** may be required before the coating, lining or floor topping can be applied.

CLEANING

Use **S-10 Cleaning Solvent** to clean tools and equipment.

SHIPPING

Refer to Material Safety Data Sheets.

STORAGE

Warning: All Dudick products classified by DOT with either white, yellow or red labels, must not be mixed or stored together as an explosive reaction can occur. All products should be stored in a cool, dry area away from open flames, sparks or other hazards.

When properly stored in their original, unopened containers at 50°F-75°F, **Primer 67DP LV** components will have a twelve-month shelf life. Exposure to excessive heat may cause premature gelling, reduce working time and shelf life.

SAFETY

M.S.D.S: **Material Safety Data Sheets must always be read before using products.** **Primer 67DP LV** is intended for application by experienced, professional personnel. Dudick, Inc. can supply supervision to help determine that the surface has been properly prepared, the ingredients correctly mixed, and the materials properly and safely applied. If materials are to be applied by your own personnel or by a third party contractor, please be sure that they are aware of the following safety precautions:

- Exposure to resins and hardeners through direct skin contact and/or inhalation may cause severe dermatitis reactions in some people. Cleanliness of the skin and clothing is critical and must be of paramount concern.



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- Fumes are flammable and heavier than air. Proper ventilation should be maintained to minimize breathing of concentrated fumes.
- Suitable respirators should be used during application.
- Safety glasses, gloves, and suitable protective clothing must be worn at all times during application.
- If contact with hardeners occurs, remove any clothing involved and flush the skin with flowing water. Discard the clothing. Do not attempt to wash and reuse it.
- Liquids can be removed with S-10 Cleaning Solvent, MEK, or lacquer thinner.
- Keep open flames and sparks away from the area where materials are being mixed and applied.
- If a rash occurs, remove the individual from the work area and seek a physician's care for dermatitis.
- In case of eye contact, flush with water for at least 15 minutes and consult a physician.
- If swallowed, do not induce vomiting; call a physician immediately.

NOTE: Dudick, Inc. ("Dudick") warrants all goods of its manufacture to be as represented in its catalogs and that the manufacture of its products by its employees or sub-contractors shall be performed in a workmanlike manner. Dudick's sole obligation under this warranty shall be to replace any material

which its examination shall disclose to be defective. Dudick makes no warranty concerning the suitability of its product for application to any surface, it being understood that the goods have been selected and the application ordered by the Purchaser. DUDICK, INC. MAKES NO WARRANTY, EXPRESS OR IMPLIED, THAT THE GOODS SHALL BE MERCHANTABLE OR THAT THE GOODS ARE FIT FOR ANY PARTICULAR PURPOSE. THE WARRANTY OF REPAIR OR REPLACEMENT SET FORTH HEREIN IS EXCLUSIVE AND IN LIEU OF ALL OTHER WARRANTIES ARISING BY LAW OR OTHERWISE; AND DUDICK INC. SHALL NOT BE LIABLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES, INCLUDING BUT NOT LIMITED TO LOST PROFITS, DOWN TIME, DAMAGES TO PROPERTY OF THE PURCHASER OR OTHER PERSONS, OR DAMAGES FOR WHICH THE PURCHASER MAY BE LIABLE TO OTHER PERSONS, WHETHER OR NOT OCCASIONED BY DUDICK'S NEGLIGENCE. This warranty shall not be extended, altered or varied except by written instrument signed by Dudick and Purchaser.

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