



# WATERPROOFING

## Liqui-Deck™

### Description

A solvent-free, two-compound polyurethane compound for preparing and leveling rough concrete surfaces prior to the installation of CCW MiraDRI® 860/861 Sheet Membrane Waterproofing. The low-viscosity compound fills voids and cures to form a well adhered elastomeric membrane.

The compound cures overnight to a fully adhered elastomeric sheet, providing a temporary waterproofing layer prior to the installation of the waterproofing membrane.

### Features and Benefits

- Fills voids and spalls; smooths, levels and primes rough decks in one step
- Useful for both rehab and new construction
- Provides a temporary waterproofing layer
- No solvents or VOCs

### Installation

The concrete surface must be clean, dry and free of laitance, dirt, oil, grease or other contamination.

New concrete must be in place for 7 days minimum. Curing compounds must be of the self-dissipating type and be approved by a CCW representative. Old concrete must be structurally sound. Loose or deteriorating concrete shall be removed. In the event of existing coatings, contact Carlisle.

Pour all of Part B into Part A and mix for a minimum of 5 minutes. Stop midway and scrape the sides and bottom of the pail to ensure that all material is completely and uniformly mixed. Use a heavy-duty slow-speed drill with a paddle blade or a Model PS Jiffy blade.

After mixing, the material should be applied within an hour. The useful working life of the material will be longer in cool weather and may be reduced in hot weather. In cool weather, store materials in a warm place prior to use. Keep material warm until mixing and application.

Pour Liqui-Deck onto the deck and spread in a uniform coat. Apply sufficient material to fill all voids, depressions and smooth rough areas. A coverage rate of 25 square feet per gallon (100 square feet per kit) yields a 0.060" thick layer. More Liqui-Deck may be required for rough or damaged surfaces.

Allow to cure overnight or until a firm, rubbery layer is produced. CCW MiraDRI 860/861 membrane may be applied directly to the cured Liqui-Deck surface. No additional contact adhesive is required.

All fluid-applied product application rates are based on theoretical coverage relative to the percentage of solids in the material. These are minimum application rates to achieve the required dry film thickness for the system and do not account for substrate condition porosity. A thicker application of the product may be necessary to achieve the required dry film thickness for system relative to the substrate.

### Limitations

Do not apply compound to a frosty, damp or wet surface.

Do not proceed with compound application if temperature is below 40°F or if rain is imminent within 8 hours after application.

If metal pan is used for concrete form, the pan must be vented. Not for use on grade.

If deck has a between-slab membrane, consult with CCW Representatives.

### Warnings and Hazards

Before use refer to MSDS for important warnings and safety information. Use only in areas with adequate ventilation. Avoid breathing vapors. Avoid contact with eyes and skin. In the event of skin contact, remove immediately and wash with warm, soapy water. Wear eye protection. Always wash hands before eating.

### Packaging

4-gallon kits, consisting of 3½ gallons of Part A in the 5-gallon pail and a ½-gallon can of Part B. Mix only full kits. Shelf Life: One Year

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### Typical Properties

Property	Method	Typical Value
Color		Black
Solids Content	ASTM D1335	100%
Tensile Strength	ASTM D412	250 psi
Ultimate Elongation	ASTM D412	250%
Adhesion to Concrete	ASTM D903	5 PLI
Low Temp Flexibility	ASTM D522	-25°F

### Limited Warranty

Carlisle Coatings & Waterproofing Incorporated (Carlisle) warrants this product to be free of defects in workmanship and materials only at the time of shipment from our factory. If any Carlisle materials prove to contain manufacturing defects that substantially affect their performance, Carlisle will, at its option, replace the materials or refund its purchase price. This limited warranty is the only warranty extended by Carlisle with respect to its materials. There are no other warranties, including the implied warranties of merchantability and fitness for a particular purpose. Carlisle specifically disclaims liability for any incidental, consequential, or other damages, including but not limited to, loss of profits or damages to a structure or its contents, arising under any theory of law whatsoever. The dollar value of Carlisle's liability and buyer's remedy under this limited warranty shall not exceed the purchase price of the Carlisle material in question.