



LIQUI-DECK™

SUBSTRATE PREPARATION COMPOUND

DESCRIPTION

A solvent free, two component 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.

TYPICAL USE

Liqui-Deck fills and levels rough concrete surfaces, providing a smooth surface for the installation of CCW MiraDRI 860/861 Sheet Membrane. The compound cures overnight to a fully adhered elastomeric sheet, providing a temporary waterproofing layer prior to the installation of the waterproofing membrane.

ADVANTAGES

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 VOC's.

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 Carlisle representative.

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

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.

TYPICAL PROPERTIES

| | | |
|-----------------------|-------------|---------|
| Color | | Black |
| Solids Content | ASTM D 1335 | 100% |
| Tensile Strength | ASTM D 412 | 250 psi |
| Ultimate Elongation | ASTM D 412 | 250% |
| Adhesion to Concrete | ASTM D-903 | 5 PLI |
| Low Temp. Flexibility | ASTM D-522 | -25°F |

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 the Carlisle representative. Old concrete must be structurally sound. Loose or deteriorated 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 and 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. Carlisle CCW MiraDRI 860/861 membrane may be applied directly to the cured Liqui-deck surface. No additional priming is required.

LIMITED WARRANTY

CARLISLE COATINGS AND 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 material or refund the 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.