



# CCW-540

## WATER-BASED EPOXY PRIMER

### DESCRIPTION

CCW-540 is a rapid drying two-component water-based epoxy primer for use in conjunction with Carlisle Deck Coating Systems.

### TYPICAL USES

CCW-540 is used to seal concrete and plywood substrates and to improve adhesion when applying Carlisle Deck Coating Systems. It is especially useful where solvent fumes would be objectionable or where compliance with VOC regulations is a requirement.

### PACKAGING

2 gallon kit consisting of: 1 gallon pail containing part A and 1 gallon pail containing part B

10 gallon kit consisting of: 5 gallon pail containing part A and 5 gallon pail containing part B

### WARNINGS AND HAZARDS

Refer to MSDS for important warnings and safety information. Workers should wear protective clothing and eye protection. Avoid contact with skin. In case of contact, wash off immediately.

### ADVANTAGES

- Non-flammable
- Rapid drying
- Complies with VOC regulations including SCAQMD Rule 1113
- No irritating odors or fumes

### LIMITATION

- Do not apply unless temperature is above 40°F and stable, or rising (Relative Humidity must be less than 70% at temperatures below 60°F).
- Protect from freezing during shipment and storage.

### APPLICATION

Surface Preparation: Concrete shall be in place for 28 days minimum, and shall be dry. Surface shall have a smooth finish and be free of voids, spalled areas, sharp protrusions, loose aggregate, laitance and form release agents. Curing agents containing wax, oil or pigments must not be used. Only self-dissipating type curing agents are acceptable. Forms should be removed as quickly as possible. If metal decking is used as a permanent form, the metal must be vented. Prepare surfaces to receive coating in accordance with guidelines in Carlisle Deck Coating System data sheet.

Stir each side separately to ensure that no separation has occurred then mix all of Part A with all of Part B. Use a mixing paddle in a slow speed electric drill motor. Avoid air entrapment. Mix 2 to 3 minutes until a homogenous blend is achieved. Wait 15 minutes, before applying, to allow the product to react.

Apply primer at a rate of 300 square feet per gallon with airless spray or a long nap roller. Avoid puddles or ponding the primer. Do not apply primer over strip coats.

Do not apply primer unless temperature is above 40°F and stable or rising (Relative Humidity must be less than 70% at temperatures below 60°F).

CCW 540 Primer must be properly cured before application of the base coat. As with all water-based products, the cure time is dependant on the ambient conditions. Primer is milky white when wet and must cure to a clear film before Base Coat may be applied. Allow to cure 1 hour minimum, 8 hours maximum at 77°F and 50% R.H. Primer is sufficiently dry when it is somewhat tacky but will not transfer when touched.

In the event coating is not applied within the maximum time, the surface must be re-primed. At low temperatures or high humidity, the cure time of the primer may be greatly extended. The drying rate of the primer can be accelerated by providing good airflow.

### STORAGE

#### Keep from freezing.

Protect material from excessive heat and cold. For outside storage, protect materials from direct sunlight, rain or other harmful environmental conditions.

### 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 effect 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.