



CCW-501WA

Water-Activated Deck Coating Accessory

DESCRIPTION

CCW-501WA (Water-Activated) deck coating accessory is a polyurethane coating product that rapidly cures to form a flexible, high build, seamless, waterproofing patch or slope. This product is specifically formulated to use water to obtain a fast curing patch or slope to allow quick base coat applications. The rapid cure time enables same-day application of CCW-501 base coat for Carlisle's pedestrian and traffic deck coating systems.

TYPICAL USES

CCW-501WA can be used to repair low spots, voids, rock pockets and excessively rough and spalled areas. CCW-501WA can build slopes up to 1/2 inch. CCW-501WA is used on concrete balconies, plaza decks, terraces and other areas subjected to standard deck coating application.

INSTALLATION

ALL DECK PREPARATION must be completed prior to any mix of CCW-501WA, as this is a quick-cure product. The surface must be clean, dry and free of laitance, dirt, oil, grease or other contamination. Finished deck surfaces should be properly sloped to drain freely and eliminate the ponding of water. CCW-501WA can be used to correct minor slope problems. New concrete must be in place for a minimum of 28 days. Avoid installing over curing compounds or green concrete. Grid application area set any tape lines, stage area and completely plan installation. Mix CCW-557 parts A & B completely, allow 15 minutes for complete reaction prior to application. Apply primer at a rate of 350 square feet per gallon. Allow primer application to dry until no liquid transfer of material occurs when touched, typically one hour minimum.

Using a high-quality agitator, mix each pail of CCW-501WA completely after opening. Avoid mixing in air. All sediments must be blended from bottom of pail prior to use. Ensure application area is ready and pour off desired amounts in oversized bucket or can. Using a high-quality agitator, blend at a rate of 26 ounces of water per gallon of CCW-501WA. Blend for 2 minutes, add sand, then mix for one additional minute. Typically, an equal volume of sand is used. If sand is not used, blend for 3 minutes after adding water. Pour mixture immediately out onto the work area. Work wet material with a trowel wet by xylene or other aromatic solvent. Complete all trowel work within 5 minutes. Do not overwork material, as air entrapment and blistering may occur. Clean application tools with alcohol after use and allow to dry completely before reuse. Do not allow alcohol to contact deck, or any urethane.

Empty any bucket residue and scrape bucket.

Example: Divide a 5-gallon can into 4 equal parts (1/4 gallon each), add a quart of water to each, blend for 2 minutes,

TECHNICAL DATA

PROPERTY	METHOD	RESULT
Composition	—	Polyurethane
Color	—	Colonial Gray
% Solids Content	ASTM D1353	85 +/- 1%
Hardness	ASTM D2240	60A
Elongation	ASTM D412	925%
Tensile	ASTM D412	900 psi
Tear Resistance	ASTM D624	140 Pli
Adhesion to Concrete	ASTM D522	> 150 psi
* Individual lots may vary +/- 10% from Typical Value		

add a gallon of large grit sand (20 mesh). Blend for one minute after adding sand. Pour mixture immediately onto work area. Work wet material with a trowel wet by xylene or other aromatic solvent. Complete all trowel work within 5 minutes. For best results, a high-quality agitator (dry wall grade, Jiffler) should be used. Fill all low spots, voids, rock pockets and excessively rough and spalled areas.

MIXING INSTRUCTIONS

Water is added at the following rates:

For 5 gal, use 1 gal water (128 oz.)

For 2.5 gal, use 1/2 gal water (64 oz.)

For 1.25 gal, use 1 qt. water (32 oz.)

For 1 gal, use 1 1/2 pt water (26 oz.)

Mix using 1/2" drill with a high-quality agitator until water and CCW-501WA are completely blended to a smooth consistency prior to application. Mix a minimum of 3 minutes. Avoid mixing in air. Caution: Do not add more than one gallon water per 5 gallon pail.

PACKAGING

5-gallon pails, 36 pails/ pallet

Shelf Life: One year, unopened

WARNINGS AND HAZARDS

Before using, refer to MSDS for important warnings and safety information. Use only in areas with adequate ventilation. Avoid breathing vapors. Keep away from heat and flame. 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.

LIMITATIONS

- If metal pan is used for concrete form, the pan must be vented. Not for use on grade or with between-slab membranes.
- Do not use where conditions create a strong or permanent vapor drive upwards through the coating.
- Do not apply coatings to a frosty, damp or wet surface.
- Do not proceed with coating application if temperature is below 40°F or if rain is imminent within 4 hours after application.
- Primer (CCW-557, 600, 109) must be used on all concrete surfaces. Not for use with Base-Grip self-priming additive.
- Do not apply as sealant or crack filler.

APPLICATION RATES

As a general guide for estimating use and planning coverage. Slope from 0-1/2".

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.

Approximate Components Blend

RUN	WIDTH	MIXTURE	CCW-501WA	SAND*	WATER
6'	1'	1 gallon	2/3 gallon	2/3 gallon	18 ounces
3'	1'	1/2 gallon	1/3 gallon	1/3 gallon	9 ounces
1'	1'	1/3 gallon	1 quart	1 quart	6 ounces

Ex: A 1/2" slope on a door threshold tapering to the deck 3' from the door will use 1/2 gallon of mixture per foot of door width

Approximate Components Blend

FILL DEPTH	SQUARE FOOT	MIXTURE	CCW-501WA	SAND*	WATER
1/8"	10	0.8 gallon	1/2 gallon	1/2 gallon	16 ounces
1/4"	10	1.6 gallons	1 gallon	1 gallon	26 ounces
1/2"	10	3 gallons	2.5 gallons	2.5 gallons	1/2 gallon

* Sand volume as measured in the bucket will not equal change in mixture volume when sand is added to the mixture