



CCW-501T

DETAIL COATING

DESCRIPTION

CCW-501T is a one-part, thixotropic polyurethane coating that cures to form a flexible, resilient, seamless, waterproof membrane.

TYPICAL USES

CCW-501T is used for detailing or is applied as a membrane on vertical or sloped surfaces. It is suitable for use as a membrane under tile or pavers or in other applications where a non-modified waterproofing membrane is required.

TECHNICAL DATA

PROPERTY	ASTM TEST METHOD	RESULTS
Solids content	C-1250	85%
Hardness, Shore A	D-2240	65 ± 5
Tensile	D-412	850 psi
Elongation	D-412	500%
Tear Resistance	D-624, Die C	150 lb./in.
Adhesion to primed concrete	D-903	23 pli
Low Temperature Flexibility	D-522 1/8" mandrel	-65°F

PACKAGING

5 Gallon pails/45 pails per pallet

WARNINGS AND HAZARDS

Use with adequate ventilation. Avoid breathing vapors. Avoid contact with the skin. In the event of skin contact, remove immediately and wash with hot, soapy water. Refer to MSDS for important product information and warnings.

LIMITATIONS

- Do not apply primer or coating 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 8 hours after application.

SURFACE PREPARATION

New concrete shall be water cured with a steel trowel finish followed by a light, hair broom and in place for 28 days minimum. Curing compounds, if required, must be the self dissipating type and approved by manufacturer. Surface shall be structurally sound, smooth, dry, and free of oil, grease, dirt, laitance, curing or release agents or other contamination which may harmfully affect the adhesion of the membrane.

Scrape off splatters, ridges or fins. Fill honey combs, spalls or other voids with approved non-shrink grout.

Saw cut cracks greater than 1/16" in width to 1/4" wide x 1/4" deep.

DETAIL WORK

Blow saw cuts with oil-free compressed air. Consult with Carlisle Representative regarding the use of a primer. Apply approved sealant to saw cuts and tool sealant flush with the surface.

Clean expansion joints. Insert backer rod (1/8" to 1/4" diameter larger than joint width). Apply approved sealant into the joints. (Consult with the Carlisle Representative regarding primer and coating over expansion joints.)

Apply a bead of sealant at the juncture of all vertical and horizontal surfaces including at all projections through the surface. Tool sealant to form a 1", 45 degree cant. Allow all sealant to cure.

CAUTION: Ensure that all sealant is thoroughly cured. Uncured sealant will affect the cure of the coating.

PRIMER:

Prime substrate with CCW-557 Primer. 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.

Apply CCW-557 primer at a rate of 400 square feet per gallon. Avoid puddles or ponding the primer and do not apply primer over stripe coats. Allow primer to dry for 1 hour minimum, 8 hours maximum. 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, reprime.

APPLICATION:

As a detail coat: apply a stripe coat 4" to 8" wide, centered over sealed cracks, hairline cracks and cold joints. Apply a stripe coat 4" to 8" wide, centered over control joints and expansion joints less than 1/2" wide. Stripe coat shall be 30 mils thick. Allow stripe coats to cure 16 hours.

As a membrane coating: apply with a notched squeegee or a roller at the following coverage rates:

For 40 mil DFT — Apply at 34 square feet per gallon

For 35 mil DFT — Apply at 38 square feet per gallon

For 30 mil DFT — Apply at 45 square feet per gallon

For 25 mil DFT — Apply at 54 square feet per gallon

Allow the CCW-501T to cure for 24 hours minimum at 75° F, 50% R.H.

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.