



# ECO-FAST 603

**100% SOLIDS  
TOP COAT**

## DESCRIPTION

ECO-FAST 603 is a 2-component, high solids, low VOC, low/no odor, UV stable polyurethane elastomeric coating. It cures using moisture in the atmosphere to produce an abrasion-resistant topcoat sealer. It is a gloss finish product available in gray. Clear and special colors are available upon request.

## TYPICAL USE

ECO-FAST 603 is used as a topcoat over ECO-FAST 601 or ECO-FAST 602 in Carlisle ECO-FAST systems for exterior applications. Since it is a solvent free product ECO-FAST 603 can be used near occupied areas without noxious odors or flammability hazards.

## ADVANTAGES

- V.O.C. compliant
- No flammability concern
- Solvent-free
- UV Resistant, Non-yellowing
- Very high abrasion and cut/tear resistance

## LIMITATIONS

- Minimum application temperature 40°F and rising.
- Do not apply over damp or wet substrates.
- Do not apply over 20 mils per coat.

## PACKAGING

4 gallon units

## COLOR AVAILABLE

Standard colors:

Stone Gray and Colonial Gray.

Additional colors available upon request. Minimum quantities may apply.

## WARNINGS AND HAZARDS

**Caution-Irritant:** Avoid skin and eye contact. Skin sensitizer. Skin contact may cause an allergic reaction and/or contact dermatitis. Safety goggles and chemical resistant gloves are recommended. Use with adequate ventilation and avoid prolonged inhaling of vapors. Use NIOSH/MSA approved organic respirator if vapors cannot be maintained below TLV. Wash contaminated clothing prior to reuse.

**First Aid:** In case of skin contact, wash thoroughly with soap and water. For eye contact, immediately flush with plenty of water for at least 15 minutes and contact a physician. For respiratory problems, remove individual to fresh air.

## TYPICAL PROPERTIES

PROPERTY	TEST METHOD	RESULTS
Solids Content	—	100%
Tack-free Time		1 to 5 hours*
Tensile Strength	(ASTM D412)	4000 psi
Elongation	(ASTM D412)	300%
Hardness	(ASTM D2240)	Shore D 50
VOC Content	—	<25 grams/liter
Pot Life*		3 hours
Final Cure - Traffic	—	24-48 hours*
Abrasion Resistance	(ASTM D4060)	69 mg loss (CS-17 wheel, 1Kg load, 1000 cycles)

\* Depending on temperature and Humidity

## INSTALLATION

(Consult Installation Guide Prior to Application)

**Surface Preparation:** Apply only over properly treated decks coated with ECO-FAST 601, ECO-FAST 602 or other waterproofing membranes. When coating over existing membranes, surface must be cleaned, detailed and primed with the appropriate primer. Surfaces must be clean, sound, dry, and free of oils other bond inhibiting contaminants. When top coating a system, if the recommended recoat time is exceeded or if contamination of the substrate occurs, consult Technical Service. Application temperature must be 40° F minimum and rising. Do not apply over damp or wet substrates.

**Mixing:** Pre-mix the color component. Then, empty contents of component "A" into component "B." Mixing is accomplished by using a jiffy paddle in a low speed drill (400 to 600 rpm) so as not to incorporate excessive air into the product. Mix the two components for 2 minutes, scrape down the sides of the pail, and mix additionally for 1 minute.

### Application:

**Vehicular:** After the ECO-FAST 602 aggregate binder coat has cured for 4 to 8 hours, apply the ECO-FAST 603 topcoat at a rate of, 100 square feet per gallon or as required to obtain a 16 mil wet film thickness using a notched trowel or squeegee. Backroll for uniformity. Do not apply over 20 mils thick. Allow the system to cure 48 hours prior to exposure to vehicular traffic and 7 days prior to chemical exposure.

**Pedestrian:** After the ECO-FAST 601 membrane coat has cured for 3 to 4 hours, apply the ECO-FAST 603 topcoat at a rate of, 110 square feet per gallon or as required to obtain a 15 mil wet film thickness using a notched trowel or squeegee. Backroll for uniformity. For a non-skid finish,

broadcast 10 to 12 lbs, of 20-30 mesh rounded silica aggregate. Backroll to incorporate the aggregate. Allow the system to cure 24 hours prior to exposure to foot traffic and 7 days prior to chemical exposure.

Clean-Up: Uncured Material - remove using a cloth dampened with xylene. Cured Material - remove mechanically. Spillage - ventilate area and confine spill. Collect with an absorbent material and dispose of according to current applicable local, state, and federal regulations.

## **STORAGE**

Keep from freezing. Cold product may be difficult to mix and apply. For best results, condition at 50 to 70° F before use.

## **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.