



ECO-FAST 602

100% SOLIDS COATING AND BINDER

DESCRIPTION

ECO-FAST 602 is a highly abrasion-resistant, 2-component, 100% solids, low/no odor polyurethane coating and binder. It is a gloss finish product available in dark gray. Special colors available upon request.

TYPICAL USE

ECO-FAST 602 is used as a binder coat for aggregate layers in Carlisle ECO-FAST systems and as a topcoat for interior applications. Since it is a solvent free product ECO-FAST 602 can be used in interior spaces and near occupied areas without noxious odors or flammability hazards.

ADVANTAGES

- V.O.C. compliant
- No flammability concern
- Solvent-free
- Very high abrasion and cut/tear resistance
- Cures quickly - capable of being overcoated in just 4 to 8 hours

LIMITATIONS

- Minimum application temperature 40°F and rising.
- Do not apply over damp or wet substrates.
- Yellowing and minor chalking may occur on exterior applications.

PACKAGING

4.5 gallon units

WARNINGS AND HAZARDS

Caution-Irritant: Avoid skin and eye contact. 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%
Pot Life*	—	30 minutes
Cure Time		24-48 hours
Elongation	(ASTM D412)	10%
Tensile Strength	(ASTM D412)	4200 psi
Hardness	(ASTM D2240)	Shore D 75
Abrasion Resistance (CS-17 wheel, 1Kg load, 200 cycles)	(ASTM D4060)	47 mg loss

*at 68°F, 50% RH

INSTALLATION

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. 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:

For Vehicular or Heavy Duty Pedestrian: After the ECO-FAST 601 membrane coat has cured for 3 to 4 hours, apply the ECO-FAST 602 binder coat at a rate of, 130 square feet per gallon or as required to obtain a 12 mil wet film thickness using a notched trowel or squeegee. Backroll for uniformity. Broadcast to excess with 16 to 20 mesh rounded silica aggregate. Remove excess aggregate after cure.

For Heavy Duty Vehicular: After the ECO-FAST 601 membrane coat has cured for 3 to 4 hours, apply the ECO-FAST 602 binder coat at a rate of 80 square feet per gallon or as required to obtain a 20 mil wet film thickness using a notched trowel or squeegee.

On interior applications, a topcoat of ECO-FAST 602 should then be applied. This can be done as soon as the first coat becomes tack-free, usually 4 to 8 hours. Apply this coat at 100 square feet per gallon or as required to obtain a 16 mil wet film thickness using a flat trowel or squeegee. Always backroll for uniformity. ECO-FAST 603 or CCW-503 topcoat should be used for exterior applications. Yellowing and minor chalking may occur when using ECO-FAST 602 as a topcoat on exterior applications. Allow the system to cure 12 to 48 hours prior to exposure to vehicular traffic depending upon weather conditions 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 602 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 12 to 24 hours prior to exposure to foot traffic depending upon weather conditions 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.