



Eco-Fast™ II

Base & Detail Coat

100% Solids Membrane

DESCRIPTION

Eco-Fast II Base Coat and Eco-Fast II Detail Coat are 100%-solids, low-VOC, very low odor, polyurethane membranes available in medium and high viscosity. They cure using chemical cross-linking to form a dynamically flexible waterproofing membrane for excellent crack-bridging capability.

TYPICAL USE

Eco-Fast II Base Coat and Eco-Fast II Detail Coat have good chemical resistance and outstanding adhesion properties making them the ideal crack-bridging base and waterproofing membrane for deck coating systems. Eco-Fast II Detail Coat is a thickened grade for detailing and vertical applications. As they are solvent-free products, Eco-Fast II Base Coat and Eco-Fast II Detail Coat can be used in interior spaces and near occupied areas without noxious odors or flammability hazards.

ADVANTAGES

- VOC compliant
- No flammability concern
- Solvent free
- Quick cure time
- Bridges dynamically moving cracks

INSTALLATION

(Consult Installation Guide Prior to Application)

Surface Preparation: Surfaces must be clean, sound, dry and free of oils, curing compounds and other bond-inhibiting contaminants. Concrete surfaces should be cleaned and profiled by mechanical methods such as shot blasting, sandblasting or hydroblasting to produce a clean and textured surface with a surface profile of CSP 2 to 5. When hydroblasting, allow at least 24 hours for substrate to dry completely.

Application temperature must be 40°F minimum and rising. Do not apply over damp or wet substrates. New concrete must cure 28 days prior to application.

Priming: Mix primer according to the data sheet. Apply at 250 to 300 square feet per gallon to achieve a wet film thickness of 4 to 6 mils. Allow to cure for 1 to 2 hours, until material does not transfer when touched, before proceeding with coating application.

Self-Priming Base Coat is accomplished by the addition of Base-Grip Adhesion Promoter to the Eco-Fast II Base Coat at 1 pint per 5 gallon pail. Mix for 5 minutes with a model PS Jiffy Blade at 400 to 600 RPM.

TECHNICAL DATA

PROPERTY	METHOD	TYPICAL VALUE
Solids Content	—	100%
Elongation	ASTM D412	1,500%
Tensile Strength	ASTM D412	1,400 psi
Hardness	ASTM D2240	60 Shore A
Pot Life*	—	60 mins 30 mins catalyzed
Permeability	ASTM E96	0.07 perms
Tack-free Time*	—	4-5 hrs catalyzed 16-24 hrs Uncatalyzed
Tear Resistance	ASTM D1004	150pli
Adhesion to Concrete	ASTM D4541	>150psi

* at 77°F, 50% RH

If a quick cure is required, add the Eco-Fast II Base Coat Catalyst to the Eco-Fast II Base Coat at 1 pint per 5 gallon pail. Mix for 5 minutes with a model PS Jiffy Blade at 400 to 600 RPM.

If both the Base-Grip Adhesion Promoter and the Eco-Fast II Base Coat Catalyst are required in the Eco-Fast II Base Coat, add the Base-Grip Adhesion Promoter per the mixing instructions, followed by the Eco-Fast II Base Coat Catalyst, and mix per instructions.

Detail Coating - Prior to applying the Eco-Fast II Base Coat waterproofing membrane, apply 30 wet mils of Eco-Fast II Detail Coat over all shrinkage cracks less than 1/16" Cracks wider than 1/16" and all cracks with the potential for movement should be treated as joints. Route out cracks to 1/4" and fill with a urethane joint sealant.

Application: Apply the Eco-Fast II Base 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. Backroll for uniformity. Never add sand or aggregate to this layer.

Allow to cure before applying next coat. If not coated within 48 hours, prime with Eco-Fast II Primer before proceeding.

Once the Eco-Fast II Base Coat has cured, it can be topped with a variety of other Carlisle coating and binder membranes to form a waterproof deck coating system.

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.

PACKAGING

5-Gallon Kit Base Coat

1 Pint Base-Grip Adhesion Promoter

1 Pint Base Coat Catalyst

STORAGE

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

LIMITATIONS

- Minimum application temperature 40°F and rising
- Do not apply over damp or wet substrates
- Do not apply to surfaces with active moisture vapor transmission
- New concrete must cure 28 days prior to application

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 inhalation 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.

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.

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