



- Biodegradable
- Low VOC
- Low Odor
- Water Based

# cft™ Eco-Release

CHEMICALLY ACTIVE FORM RELEASE AGENT

Use with the **CFT Column Cast™ System** to Prevent Bonding Between Fresh Concrete and the Forming Surface.

## APPLICATIONS

- Specially engineered for use with the **CFT Column Cast** System.
- Can also be used on most wood forms, steel, plastic, fiberglass and rubber form liners.

## ADVANTAGES

- Greatly minimizes concrete surface voids and imperfections to create uniformly smooth, uniformly colored concrete.
- Does not stain concrete surfaces with proper application.
- Formwork removes easily without the need for pry tools which can damage forms and concrete.
- Minimizes concrete buildup on the **CFT Detailed Foam Insert** forming surface and may allow for reuse if properly applied.
- Resists removal by normal rain showers.
- **CFT Eco-Release** does not introduce additional residue that would impair the bonding properties of paints, plasters, mortars, epoxies or other surface coatings when properly applied.
- **CFT Eco-Release** is a biodegradable, low odor, low VOC, water based formulation and has been classified by Nox-Crete, the exclusive manufacturer, to meet the requirements of their *Green Engineered™* product line, manufactured to be safer for the environment and worker health.
- **CFT Eco-Release** complies with the US EPA OPPTS 835.31101 Test Protocol For Ready Biodegradability.
- **CFT Eco-Release** complies with the more restrictive air quality, lower VOC requirements of some states.

## PRECAUTIONS

- **CFT Eco-Release** is tinted blue for ease of application. After drying, blue tint may or may not be visible. Use caution to avoid

reapplication of **CFT Eco-Release** on form surfaces as it may cause dusting on concrete surface.

- Allow **CFT Eco-Release** to dry on form surface before contact with fresh concrete.
- After stripping, some forms may exhibit a white, powdery film on the form surface. This does not adversely affect the form or the concrete and should not be confused with buildup.
- Do not remove CFT Column Cast or other forming system prior to concrete achieving necessary strength properties. In order to further improve stripping of form, CFT recommends removing formwork as soon as possible after the concrete has achieved an acceptable "early set."
- Application to non-reactive, non-absorbent foam, plastic or fiberglass forms will have reduced rain resistance and may be subject to removal by heavy rain. In these types of conditions, reapplication may be necessary.
- Prevent contact with reinforcing steel. Removal may be accomplished with mineral spirits or naphtha.
- Do not apply **CFT Eco-Release** in freezing conditions.
- Protect from freezing. If allowed to freeze, product packaging may rupture and the emulsion stability may be affected, making it difficult to keep the product mixed during application. Product that is suspected of freezing should not be used.
- Verify that product is within the "USE BY" date stated on product packaging. Do not use expired product. The use of expired product may result in poor product performance or failure.

## APPLICATION INSTRUCTIONS

- Request current product literature, labels and material safety data sheets from manufacturer and read thoroughly before product use or visit [www.cftech.us](http://www.cftech.us) for downloadable version.

**cft™** column form technology inc

11070 Fleetwood St. 'F', Sun Valley, CA 91352 USA  
PH (866) 821-2278 | FX (818) 504-0433  
[info@cftech.us](mailto:info@cftech.us) | [www.cftech.us](http://www.cftech.us)

P/N - 147 - 19 - 225015

**cft** Column Cast™

[www.columnformtechnology.com](http://www.columnformtechnology.com)

om)

Engineered Exclusively  
For



By



chemical solutions to concrete problems

www.nox-crete.com

- *Site environmental conditions, substrate conditions and construction have a major effect on product selection, application procedures and rates, appearance and performance. Product literature provides general information applicable to some conditions. However, a full scale site test application by the purchaser or installer before field scale use is mandatory (irrespective of any other verbal or written representations) to verify that product and quantities purchased can be satisfactorily applied and will achieve desired appearance and performance under intended use conditions.*

- Ready to use - do not dilute.
- **CFT Eco-Release** should be mixed well before each use.

#### Typical Application Rates

Very Porous = 800 sf/gal.

*(CFT Detailed Foam Insert, unsealed lumber)*

Porous = 1,000 sf/gal.  
*(unsealed plywood, etc.)*

Moderately Porous = 1,500 sf/gal.  
*(medium density plywood, etc.)*

Non-Porous = 3,000 sf/gal.  
*(steel, plastic, high density or resin coated plywood, etc.)*

- If the **CFT Column Cast** or other forming system is being reused, it should be reasonably dry and free of buildup before

additional applications of **CFT Eco-Release**.

- Roller or spray application with a hand pump, construction grade sprayer equipped with an 8001 LP spray tip is recommended.

#### TECHNICAL INFORMATION

Bulk Density ..... 8.1 lbs/gal (0.97 kg/l)

Flash Point,

ASTM D-93 ..... >200° F (94° C) PMCC

Color, ASTM D-1500 ..... Light Blue

VOC, EPA Test Method 24 ..... <100 g/l

#### PACKAGING AVAILABILITY

Available in 1 gallon (3.8 l) jugs and 5.28 gallon (20 l) bag-in-a-box.

#### SHELF LIFE

Shelf life is one year. Use before the "USE BY" date stated on product packaging.

#### HANDLING & STORAGE

Store in a dry location in a temperature range between 40° F (4° C) and 100° F (38° C).

#### LIMITED WARRANTY

NOTICE-READ CAREFULLY  
CONDITIONS OF SALE

CFT and NOX-CRETE offer this product for sale subject to, and Buyer and all users are deemed to have accepted, the following conditions of sale and limited warranty which may only be varied by written agreement of a duly authorized corporate officer of NOX-CRETE. No other representative of or for NOX-CRETE is authorized to grant any warranty or to waive limitation of liability set forth below.

#### WARRANTY LIMITATION

NOX-CRETE warrants this product to be free of manufacturing defects. If the product when purchased was defective and was within use period indicated on container or carton, when used, NOX-CRETE will replace the defective product with new product without charge to the purchaser.

CFT and NOX-CRETE make NO OTHER WARRANTY, either express or implied, concerning this product. There is NO WARRANTY OF MERCHANTABILITY. In no case shall CFT or NOX-CRETE be liable for special, indirect or consequential damages resulting from the use or handling of the product and no claim of any kind shall be greater in amount than the purchase price of the product in respect of which damages are claimed.

#### INHERENT RISKS

CFT AND NOX-CRETE MAKE NO WARRANTY TO THE PERFORMANCE OF THE PRODUCT AFTER IT IS APPLIED BY THE PURCHASER, AND PURCHASER ASSUMES ALL RISKS ASSOCIATED WITH THE USE OR APPLICATION OF THE PRODUCT.



REVISED 05/25/10

11070 Fleetwood St. 'F', Sun Valley, CA 91352 USA  
PH (866) 821-2278 | FX (818) 504-0433  
info@cftech.us | www.cftech.us