

# Protect Your Investment! EFCO FORM CARE GUIDE



chemical solutions to concrete problems

The concrete industry is constantly evolving with new products and technologies, and for decades, EFCO has innovated new ways to solve challenges faced by concrete construction professionals worldwide. Our highly engineered concrete forming and shoring equipment meets the highest standards in safety, improving efficiency and protecting your budget. In our partnership with Nox-Crete Inc., a worldwide leader in innovative concrete chemical solutions, we have brought to you a variety of products to help keep your forms performing and looking their best.

## PROTECT

### **EFCO FORM GUARD™ - Proprietary high-performance corrosion preventative coating for EFCO steel forms**

- Sold in 5-gallon pails and 55-gallon drums
- Applied in EFCO manufacturing facilities to all EFCO face sheet products; also available for contractor in-yard applications.
- Protects EFCO forms during storage and transit from corrosion for up to six months
- Works by creating an insoluble, protective film
- Provides optimum rain and saltwater corrosion resistance
- Applied at a rate of 2,000 – 2,600 sf / gal (50 – 65 sm / L)



EFCO FORM GUARD

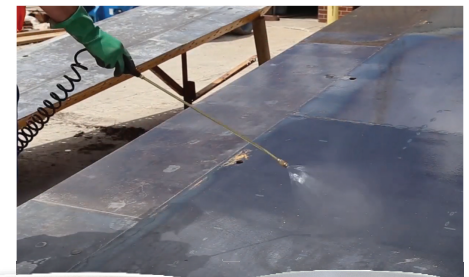
EFCO FORM GUARD  
ON A STEEL FORM

*\* EFCO FORM GUARD and debris that accumulate on top of coating may require removal using NOX-CRETE BIO-CLEAN READY 6 prior to EFCO FORM RELEASE installation.*

## RELEASE

### **EFCO FORM RELEASE™ - General purpose form release agent with built-in steel form protectant.**

- VOC compliant in all states, except the California SCAQMD district
- Must be applied between each pour by the contractor
- Applied using conventional application methods. Spray application recommended
  - Application rate for steel is 1,200 – 1,500 sf/gallon (30-37.5sm/L) when forms are smooth and clean
  - Application rate for absorptive surfaces, including plywood, is 600-800 sf/gal. (15-20 sm/L)
- Chemically bonds to the working faces of steel forms, producing a water-resistant film that protects from corrosion between concrete pours for up to 2 weeks
- When applied in a thin protective film, provides a crisp, clean release and prevents the accumulation of concrete buildup
- Can be stored at temperatures below freezing
- Low odor and VOC < 250 grams per liter
- Nox-Crete's Release Agent #10 B is available as a biodegradable option



EFCO FORM RELEASE



NOX-CRETE  
RELEASE AGENT #10 B

## GENERAL PURPOSE APPLICATION

Use low pressure spray equipment such as a Chapin Model 1949 equipped with a 95-0.5 spray tip, or wet mop or roll with short nap mohair roller



## ARCHITECTURAL APPLICATION

Use a Nox-Crete Perfect Form Sprayer with an 8001 LP or 8002 LP spray tip and a minimum tank pressure of 40psi

Use microfiber mop to even out spray pattern overlap and runs



## CLEAN

**BIO-CLEAN READY 6™ - Biodegradable, citrus-based cleaner / degreaser for light-duty applications.**

- Fast-acting formula quickly and effectively removes EFCO Form Guard from steel form surface
- Suitable for on-site or yard applications to prepare formwork for architectural concrete finish.
- 100% biodegradable, non-toxic—safer than petroleum solvent-based cleaners/degreasers
- Slow-drying formulation ensures deep penetration and thorough removal of most form release agents or non-drying corrosion inhibiting products\* \*
- Apply by sprayer or roller at a uniform application rate of 200-300 sf/gal (5-7 sm/L)
- Rinse off the forms with water and dry immediately. (For best results, remove/dry with a foam squeegee, rags, or blower) Once drying is completed, EFCO Form Release should be applied



NOX-CRETE  
BIO-CLEAN READY 6



Sold in 5 gallon pails

\* \* BIO-CLEAN READY 6 is not suitable for eliminating corrosion or concrete build-up

## TO ACHIEVE AN ARCHITECTURAL FINISH

- Per Specifications for Concrete Construction (ACI 301-20), mockups are required for architectural concrete, and the concrete finish must be specified
  - Mockup should follow the planned Jobsite procedure to ensure that Jobsite conditions, materials used, installation/placement procedure, and consolidation method work as designed and expected
- Formwork surfaces should be dry and free of any protective coatings, impurities or contaminants before form release application
- EFCO Form Release (or other architectural form release agent approved in the planning stages) must be applied
  - Spray application followed by wiping of form surface with microfiber mop immediately after form release application helps ensure consistent coverage



HOW TO USE EFCO  
FORM RELEASE