

BRICK RELEASE

Release agent for fired clay brick for precast and tilt-up application.



VOLATILE ORGANIC COMPOUND (VOC)
REGULATORY COMPLIANCE

USEPA CARB-SCM SCAQMD LADCO, OTC UT-R307, CO MCAQD CT, DE, MD, D.C. CANADA

BRICK RELEASE ■ ■ ■ ■ ■ ■ ■ ■

HOW IT WORKS

BRICK RELEASE is a water based, chemically reactive anti-bonding compound for minimizing the adhesion of concrete mortar to fired clay brick. BRICK RELEASE is formulated with organic compounds in a predominantly water based solvent system which react chemically with the lime present in concrete mortar. The reaction products positively prevent the adhesion of concrete mortar to treated brick surfaces. Upon completion of the brick structure, the residual BRICK RELEASE can be readily removed in preparation for the application of a water-repellent sealer.

APPLICATIONS

- ◆ Alternative to wax in preventing concrete mortar adhesions to clay fired brick.
- ◆ Specifically designed for use with thin brick veneer systems utilized in tilt-up and precast construction.

ADVANTAGES

- ◆ High viscosity formulation ensures good surface film formation while minimizing the potential for the product to run down onto the brick edges where it should not be applied.
- ◆ Less expensive than wax treatments.
- ◆ Easy to apply.
- ◆ Fast drying.
- ◆ Low VOC content.
- ◆ Superior alternative to wax.
- ◆ Residue is easily removed.
- ◆ Compatible with silane, siloxane, and silicone water-repellent sealers.

⚠ PRECAUTIONS ⚠

- ◆ 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.
- ◆ Request current product literature, labels and safety data sheets from manufacturer and read thoroughly before product use.
- ◆ Site environmental conditions, substrate conditions and construction have a major effect on product selection,

application methods, procedures and rates, appearance and performance. Product literature provides general information applicable to some conditions. However, an adequate site test application by the purchaser or installer in advance of 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.

- ◆ Depending on the composition of the brick, application rates, exposure conditions and cleaning methods used to remove unwanted BRICK RELEASE, a slight darkening on the brick surface may be noticeable.
- ◆ BRICK RELEASE should only be used in a well ventilated area.
- ◆ BRICK RELEASE is flammable, and therefore should not be used around open flame or spark sources, and smoking should be strictly forbidden while using product.

USE INSTRUCTIONS

- ◆ Request current (verify) product literature and material safety data sheets from manufacturer in writing, and read thoroughly before attempting product use.
- ◆ Prevent BRICK RELEASE from freezing.
- ◆ BRICK RELEASE is supplied in a ready to use condition and does not require any dilution.
- ◆ BRICK RELEASE should be mixed prior to each withdrawal from the container.
- ◆ BRICK RELEASE should be applied with a roller, brush, sponge, or rag.
- ◆ Apply BRICK RELEASE on the brick surface to the point of saturation and surface film accumulation.
- ◆ After allowing BRICK RELEASE to dry, apply a second coat.
- ◆ After second coat has dried, verify that a dry soap like film is present on the surface. Retreat any areas where film is not evident.
- ◆ BRICK RELEASE application rates are typically in the 200 to 400 sf / gal. (5 to 10 sm / L) range, depending on the surface porosity and texture of the brick being treated.
- ◆ After wall panels have been cast, the brick veneer can be pressure washed with a diluted acid solution to remove all mortar seepage. Residual BRICK RELEASE can be easily removed by pretreating the brick veneer with a solution of BIO-CLEAN CONCENTRATE diluted 1:3 with

BRICK RELEASE

Release Agent - Brick



chemical solutions to concrete problems

water, using a hand pump sprayer followed by pressure washing. For best results, allow the diluted BIO-CLEAN CONCENTRATE to dwell for 10 minutes prior to pressure washing.

TECHNICAL DATA

Density	8.1 lbs./gal. (995 g/L)
Color	White
Flash Point	90 °F (32 °C)
Viscosity	100 cps @ 70 °F (21 °C)
VOC Content	NA

PACKAGING

Available in 5 gallons (19 L)

SHELF LIFE

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

HANDLING/STORAGE

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

AVAILABILITY & TECHNICAL SERVICES

In addition to corporate offices in Omaha, Nebraska, NOX-CRETE INC. maintains regional offices and distribution centers in principal markets throughout the world. For source or technical information, call 800-669-2738 or 402-341-2080.

LIMITED WARRANTY

NOTICE-READ CAREFULLY

CONDITIONS OF SALE

NOX-CRETE offers 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.

NOX-CRETE makes NO OTHER WARRANTY, either express or implied, concerning this product. There is NO WARRANTY OF MERCHANTABILITY. In no case shall 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

NOX-CRETE MAKES NO WARRANTY WITH RESPECT 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.