

FOAM RELEASE

Thickened, water based form release agent specifically designed for use on expanded polystyrene (EPS) foam forms and form liners.

VOLATILE ORGANIC COMPOUND (VOC)
REGULATORY COMPLIANCE

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

FOAM RELEASE ■ ■ ■ ■ ■ ■ ■ ■

HOW IT WORKS

FOAM RELEASE is a thickened combination chemically active and physical barrier type release agent which positively prevents concrete sticking and substantially reduces form stripping time.

APPLICATIONS

- ◆ Designed for use on expanded polystyrene (EPS) foam forms used in creating block outs, brick ledges, trench drains, etc.
- ◆ Also works well on expanded polystyrene (EPS) form liners and reveals.

ADVANTAGES

- ◆ Provides a crisp positive release that does not degrade the foam form or form liner. Removal of foam beads from concrete surfaces following form removal is practically eliminated.
- ◆ Thixotropic viscosity ensures sufficient coverage on both horizontal and vertical surfaces. X Often allows for reuse of form or form liner.
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- ◆ Reduces concrete surface voids (bugholes) and will not stain concrete surfaces when properly applied.
- ◆ Contains a fugitive dye for ease of application.
- ◆ Dries on form surfaces and is not slippery.
- ◆ Prevents accumulation of dust when dry.
- ◆ Concrete surfaces are free of residue and the natural bonding characteristics of paints, plasters, mortars, epoxies and other surface coatings are not affected when FOAM RELEASE is properly applied.

▲ PRECAUTIONS ▲

- ◆ Water based, chemically active form release agents are not visible on applied surfaces once dry. This is normal and does not affect release agent performance. After form stripping, a white, powdery film will be present on form surfaces. This causes no adverse affects on the form or the concrete and should not be confused with buildup.
- ◆ Abrading the foam form with concrete during placement may remove FOAM RELEASE and could damage the

foam surface increasing the potential for concrete sticking. Extra care should be exercised during concrete placement operations to ensure that the FOAM RELEASE film is not removed from the form surface and foam is not damaged.

- ◆ Application rates will vary depending on density of the foam and nature of finished foam surface area (i.e. cut foam versus molded foam). Increased surface area may require multiple applications of FOAM RELEASE to ensure adequate coverage. Allow drying in-between applications and perform a mock up in advance of large -scale use to ensure proper coverage rate.
- ◆ Requires reapplication if concrete has not been placed within 10 days following the initial application.
- ◆ Do not use when forms are to be removed in less than 12 hours unless artificial heat is used to accelerate concrete cure.
- ◆ Application may be subject to removal by heavy rain.
- ◆ Prevent contact with reinforcing steel.
- ◆ Protect from freezing. If allowed to freeze, product packaging may rupture and the emulsion stability of this product may be affected, making it difficult to keep product mixed during application. Product which 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.
- ◆ Do not apply if temperature is at or below 32° F (0° C). However, freezing temperatures do not affect product performance after applied product has dried.

USE INSTRUCTIONS

- ◆ 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

FOAM RELEASE

Form Release Agents



chemical solutions to concrete problems

applied and will achieve desired appearance and performance under intended use conditions.

- ◆ Mix well before use and before each withdrawal from original container. Use Nox-Crete's specially designed DRUM AGITATOR for mixing 55 gallon drums and tank agitator for mixing 275 gallon bulk tanks.
- ◆ Typical combined application rate is 200-500 sf/gal (5-24 sm/L) but may vary depending on surface area of form.
- ◆ Form surfaces should be reasonably dry and clean prior to application.
- ◆ Can be applied by brush, roller or sprayer apparatus equipped with the correct spray tip. Use of airless spray equipment is recommended. The PERFECT FORM & CONCRETE SPRAYER with the 8005-LP tip can be used to apply FOAM RELEASE.
- ◆ Excess material in the form of puddles should be picked up with rags. FOAM RELEASE Form Release Agents FOAM RELEASE

TECHNICAL DATA

Bulk Density	8.2 lbs/gal (0.98 kg/L)
Viscosity, Zahn #2	41 Sec. @ 100° F (38° C)
Flash Point, ASTM D-93	>200° F (94° C) PMCC

Color, ASTM D-1500	Pink
VOC	<100 g/L

PACKAGING

Packaged in 5 gal (19 L) and 55 gal (208 L) drums.

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.