

FORM-ARMOR

High performance, corrosion-resistant coating for protecting steel forms from rusting during prolonged storage.

VOLATILE ORGANIC COMPOUND (VOC)
REGULATORY COMPLIANCE



HOW IT WORKS

FORM-ARMOR provides steel forms rust protection from the corrosive effects of rain and salt water mist during exterior exposure conditions for up to six months.

APPLICATIONS

- ◆ For use in all precast applications to protect steel utility molds, prestressed single and double tee beam forms and bridge girder forms from rust corrosion during storage.
- ◆ For use in protecting steel tunnel forms used in the construction of multi-family housing and prison projects and steel bridge forms from rust corrosion resulting from exposure to rain and salt water mist during storage.
- ◆ Use to protect steel waffle slab and dome pan forms from rust corrosion during storage.

ADVANTAGES

- ◆ Excellent rust corrosion inhibitor for steel forms and equipment. Provides protection for up to six months.
- ◆ Chemically reacts immediately after application, forming a waxy, protective coating that is both chemically and physically welded to the form surface.
- ◆ The polymerized film produced is highly water resistant, even to the corrosive effects of salt water mist.
- ◆ Dries rapidly in approximately 30 minutes.
- ◆ Easily applied with a hand pump sprayer, roller or brush that ultimately gels to become a protective coating that is both chemically and physically welded to the form or equipment surface.

⚠ PRECAUTIONS ⚠

- ◆ Do not dilute.
- ◆ Do not pour unused FORM-ARMOR back into the original container.
- ◆ Not for use as a form release agent. To remove from form surfaces, apply BIO-CLEAN PLUS diluted 1:4 with water and allow to dwell for 7-10 minutes and rinse clean with a minimum 2,000 psi (135 bar) pressure washer.

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 applied and will achieve desired appearance and performance under intended use conditions.
- ◆ Apply with sprayer, brush or roller. Spraying is recommended for large surfaces.
- ◆ Ready to use. Do not dilute.
- ◆ Typical application rate is 1,000-1,500 sf/gal (25-38 sm/L). For prolonged in-storage rust protection, especially on abrasive blasted metal and other porous surfaces, apply a second coat at the same coverage rate after one to two hours of drying.
- ◆ Forms should be thoroughly cleaned and dried before applying FORM-ARMOR prior to storage.
- ◆ Empty sprayers after use and thoroughly rinse with mineral spirits.
- ◆ Prior to use, remove all FORM-ARMOR residue following the procedure provided under "Precautions." Failure to remove all FORM-ARMOR residue prior to casting concrete against treated form surfaces may result in concrete surface discoloration, dusting, or other imperfections.

TECHNICAL DATA

	FORM-ARMOR
Density ASTM D-1298	.91 kg/L 7.56 lbs/gal
Viscosity, ASTM D-2196	850 cps @ 70°F (21°C)
Flash Point ASTM D-93	>140° F >60° C
VOC	<450 g/L

FORM-ARMOR

Form Treatments



chemical solutions to concrete problems

PACKAGING

Packaged in 5 gal and 20 liter pails, 55 gal and 200 liter drums and 275 gal and 1,000 liter totes.

SHELF LIFE

Shelf life is two years. 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.