



# DURO-POLISH



New generation, water based, ultra-high gloss,  
metal cross-linked, concentrated, synthetic polymer concrete floor polish.

**Meets Federal VOC Requirements = DURO-POLISH**  
**Meets Lower VOC Requirements = DURO-POLISH LOW VOC**

## HOW IT WORKS

DURO-POLISH's low molecular weight allows deep penetration, providing a very hard, high gloss, slip resistant finish. Unique metal cross-linked chemistry allows easy removal with an inexpensive stripper.

## APPLICATIONS

- ◆ For use on all interior smooth finished concrete floor surfaces where a high gloss, slip resistant finish is desired.
- ◆ Ideal for generating immediate high gloss to all concrete floors previously treated with a silicate or silicate based hardener, sealer or dustproofing compound.
- ◆ Use over new and old acrylic, epoxy and polyurethane sealed floors; sealed, acid stained floors; terrazzo floors; and many types of tile and stone surfaces to increase gloss.
- ◆ Excellent for wholesale and retail warehouse and distribution center floors, convention center floors, stadium concourse floors, grocery store floors and restaurant floors.

## ADVANTAGES

- ◆ Exceptionally high gloss without buffing.
- ◆ Increases slip resistance. Meets static coefficient of friction requirements of ASTM D-2047.
- ◆ Scuff and scratch resistant.
- ◆ Durable.
- ◆ Retains high gloss under scrubbing.
- ◆ Rejuvenates with dry buffing.
- ◆ Easy to apply and reapply.
- ◆ Safe to use -- water based, low odor, no fumes.
- ◆ Economical -- dilutes up to 1:2 with water
- ◆ DURO-POLISH meets all federal VOC requirements. DURO-POLISH LOW VOC is VOC compliant in all U.S. states

## ▲ PRECAUTIONS ▲

- ◆ Recommended for interior use only.
- ◆ Applied DURO-POLISH should be allowed to cure for a minimum of 7 days before cleaning.

- ◆ The use of ammonia or amine containing cleaners or detergents will cause irreparable damage to DURO-POLISH, necessitating reapplication to restore gloss. Please see MAINTENANCE for cleaning recommendations.
- ◆ 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.
- ◆ Porous surfaces, such as stone, must be sealed with an acrylic sealer prior to applying DURO-POLISH. NOX-CRETE'S SPARKL-SEAL E is recommended.

## USE INSTRUCTIONS

- ◆ Request current product literature, labels and material 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.
- ◆ Surface to receive application should be clean, dry and a minimum of 28 days old. All grease, oil, bondbreaker and curing residue and any other contaminants should be adequately removed from the surface prior to application.
- ◆ Do not apply at air or substrate temperatures below 40° F (4° C).
- ◆ Mix well before use.
- ◆ DURO-POLISH is concentrated and generally requires dilution with water prior to use. The dilution ratio is largely dependent on floor surface porosity and

DURO-POLISH

Floor Polishes



chemical solutions to concrete problems

desired level of gloss. Floor surface porosity is affected by many variables and the desired gloss level is subjective, making it difficult to make specific dilution ratio recommendations. In general, a more porous floor surface will require a more concentrated dilution ratio (more DURO-POLISH and less water) to achieve the desired level of gloss while a less porous floor surface will require a higher dilution ration (less DURO-POLISH and more water) to achieve the same level of gloss. To determine the optimum dilution ratio, it is recommended that samples at varying dilution rates be applied and evaluated. Typical dilution ratios by volume range from 2 parts DURO-POLISH to 1 part water on porous surfaces to 1 part DURO-POLISH to 2 parts water on less absorptive floor surfaces.

- ◆ Application is best accomplished in two steps. The first step is to spray apply the product using a low pressure hand pump sprayer, such as THE NOX-CRETE PERFECT SPRAYER, equipped with an 8005 spray nozzle. The second step is to uniformly spread the product using a DURO-POLISH APPLICATOR equipped with a micro-fiber pad. The micro-fiber pad should be pre-moistened with DURO-POLISH prior to use. Do not allow product to dry prior to spreading.
- ◆ Application rates vary according to the density and texture of the substrate. Typical diluted application range is 500-1,500 sf/gal. (12-36 sm/l).
- ◆ Although a single coat of DURO-POLISH can be applied, best results are obtained if DURO-POLISH are applied in two coats. Do not apply successive coats until the previous coat has dried, approximately 1-2 hours.
- ◆ Before allowing foot traffic, verify that the surface is completely dry, generally 1-2 hours. Cool and humid conditions may prolong dry time.
- ◆ Keep treated surface dry for 24 hours following application for optimum results.

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## MAINTENANCE

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- ◆ Do not use ammonia or amine containing detergents to clean a DURO-POLISH treated floor. **SEE PRECAUTIONS.**
- ◆ Nox-Crete recommends *ZEP Commercial Neutral Floor Cleaner Concentrate*, diluted according to manufacturer's instructions, for cleaning DURO-POLISH floors. Use of any other neutral floor cleaning product should be test applied before full scale cleaning to ensure compatibility with DURO-POLISH.
- ◆ Dry buffing restores gloss and repairs scratches and scuff marks.

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## TECHNICAL DATA

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Color.....Milky White  
 Clarity ..... Opaque  
 Odor..... Pleasant  
 Bulk Density.....8.5 lbs/gal (1.0 kg/l)  
 VOC- DURO-POLISH..... <250 g/l  
 VOC - DURO-POLISH LOW VOC..... <50 g/l  
 Static Coefficient of Friction (ASTM D-2047)..... >0.5

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## PACKAGING

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Packaged in 1 gal (3.8 l) jugs, 5.28 gal (20 l) bag-in-a-box and 55 gal (208 l) drums.

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## SHELF LIFE

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

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## HANDLING/STORAGE

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

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## AVAILABILITY & TECHNICAL SERVICES

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In addition to corporate offices in Omaha, Nebraska, NOX-CRETE Products Group maintains regional offices and distribution centers in principal markets throughout the world. For source or technical information, phone (800) 669-2738 or (402) 341-1976.

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## LIMITED WARRANTY

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### 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.