DESCRIPTION

CRMX™ Surface Refining Agent is a chemical based refining agent that is applied to concrete surfaces to aid in rapidly removing scratches and achieving high levels of clarity. CRMX™ Surface Refining Agent was developed for the concrete industry as a replacement product to polishing powders that do not react with high levels of calcium and free lime. Advanced technology has made possible this unique blend of Nano-synthetic abrasives and Nano-molecular chemistry to form together in a harmonious blend for refinement processes involving concrete polishing, stone slab polishing, marble polishing and cement based terrazzo polishing. CRMX™ Surface Refining Agent also contains an encapsulator that separates the water from the bi product that is produced during the refinement process so that all waste material can be classified as solid waste. CRMX™ Surface Refining Agent not only removes scratches easily but it also uses the paste to fill in bug holes and micro cracks at the surface that typically impede good gloss readings due to a high amount of irregularities that are normally left in the surface with typical polishing procedures. Using CRMX™ Surface Refining Agent will eliminate the need for lengthy grinding steps. A typical project using the CRMX™ Surface Refining Agent will only require 3 tooling steps after coatings have been removed no matter if PCD’s or 6 Grit metal bonds have created a heavy or deep scratch profile. By using CRMX™ Surface Refining Agent, two variable components are completely removed from the polishing process

1. Skilled Labor
2. Diamond Selection Process

USES

CRMX™ Surface Refining Agent is the step 1 chemical in the CRMX™ 3 Step Concrete Polishing System and is recommended for use wherever a high level refinement, texture and/or processors that wish to simplify a polishing process and achieve consistent results no matter the hardness of the concrete, terrazzo and natural stone tiles. Substrates treated with CRMX™ Surface Refining Agent will produce densified, hardened, dustproofed, and improved abrasion resistant surfaces. Ideal applications include floors in industrial plants and warehouses, hospitals, and airports.

SPECIFICATIONS

- Increase clarity
- Increase overall gloss by 40%
- Tighter, more consolidated surface for higher reflectivity
- Significant increase in abrasion resistance

FEATURES/BENEFITS

- Nano sized molecular reaction penetrates deeply into concrete to ensure tightly consolidated finishes
- Quick and easy, hassle-free application procedure (no flushing or rinsing required)
- Complete Concrete Polishing System
- No additional polish guards need for enhanced performance
- Simplistic inventory management
- Does not require hazardous waste cleanup procedures
- Dustproofs and improves abrasion resistance of treated surfaces
- Eliminates lengthy grinding process
- Allows the operator to control depth of cut without creating deep scratches
- Provides consistent results no matter hardness of the concrete
- Is not film forming and will not peel
- Completely integral
- Drastically Improves light reflectivity
- Compatible with integral dye systems
- Ready to use formulation and easy to apply
- Interior and Exterior use
- Environmentally safe, non-hazardous
- No VOC’s

COVERAGE/APPLICATION RATE

<table>
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<tr>
<th>Type of Surface</th>
<th>ft.²/gal.</th>
<th>m²/gal.</th>
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<tr>
<td>Fresh (Newly Placed)</td>
<td>400 - 500</td>
<td>37.16-46.45</td>
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Note: Coverage rates may vary slightly depending on the spray delivery system and/or operator and/or both.
TECHNICAL DATA SHEET

PACKAGING
5 Gallon (18.93 Liter) Pails
55 Gallon (208.20 Liter) Drum

SHELF LIFE (TYPICAL)
1 year in original, unopened container.

LEED INFORMATION
May help contribute to LEED credits:
• EQ Credit 4.2: Low-Emitting Materials: Paints & Coatings
• MR Credit 5.1: Regional Materials: 10% Extracted, Processed & Manufactured Regionally
• MR Credit 5.2: Regional Materials: 20% Extracted, Processed & Manufactured Regionally

APPLICATION
For optimum results, it is recommended to use CRMX™ Surface Refining Agent in conjunction with other steps that are part of the CRMX™ 3 Step Concrete Polishing System. It is also recommended to wait 7 days before using CRMX™ Surface Refining Agent on newly placed concrete.

Existing Concrete: Wet entire surface with clean water and let stand for 20 minutes. Apply CRMX™ Surface Refining Agent at a rate of 500 ft² per gallon and let stand for 20 minutes. If aggressive cuts are required, begin with 30 grit metal bond tooling, if no heavy cutting is required, begin with Step 1 CRMX tooling described in the CRMX™ 3 Step Concrete Polishing System. Keep surface damp with water, do not allow machine to create dust or grind on dry surface. The concrete waste being produced should be a thick paste that has a shaving cream consistency. Do not apply water in excessive amounts and operate Step 1 tool until a Ra of 100 or better is achieved. Continue with Step 2 CRMX tooling in the same manner keeping the tool damp with paste that was created in Step 1 until a Ra40 is achieved. Each pass, change direction Of machine and move in the opposite (East/West) direction. Clean surface completely. Apply CRMX™ Densifier at proper application rates and let completely dry. Finish the polish system with Step 3 tooling.

Clean entire surface and prepare surface for concrete sealer. Best results are achieved by using a burnisher with a natural hair pad to thoroughly clean surface

PROTECTION
CRMX™ Acid Blocker can be applied and burnished. A high-speed burnisher (2000-2200 rpm) with Betco Crete Rx SI Pad.

WARNING
Immediately wash off over-spray from glass, aluminum, or highly polished surfaces with water to avoid etching of surfaces.

DRYING TIME
45 minutes - 2 hours. CRMX™ Surface Refining Agent will not create lengthy drying times. Product does not cause over accelerated reaction or negative workability features. Drying times will be determined by area of placement, ground temperature, air temperature, humidity and design mix characteristics for its particular application. CRMX™ Surface Refining Agent will not impede or create incompatibility with special design mixes.

CLEANUP
While still wet, equipment may be cleaned quickly and easily with soap and water.

PRECAUTIONS
DO NOT DILUTE. Do not apply if the temperature of the concrete is less than 38°F (3°C) or above 165°F (74°C). KEEP FROM FREEZING. If frozen, product should be thawed and agitated slightly prior to use.

HEALTH HAZARDS
CRMX™ Surface Refining Agent is non-combustible. (Flash point is >210°F.) Direct contact will result in irritation of the skin and eyes. Inhalation of product mist may result in respiratory irritation. Refer to Safety Data Sheet (SDS) for complete health and safety information.

For most current data sheets and SDS Visit: www.CRMXbyBETCO.com

LIMITED WARRANTY
CRMX by Betco warrants at the time and place we make shipment, our material will be of good quality and will conform with our published specifications in force on the date of acceptance of the order. Read complete warranty. Copy furnished upon request.

DISCLAIMER
The information herein is included for illustrative purposes only, and to the best of our knowledge, is accurate and reliable. CRMX by Betco cannot, however, under any circumstances make any guarantee of results or assume any obligation or liability in connection with the use of this information. As CRMX by Betco has no control over the use to which others may put its product, it is recommended that the products be tested to determine if suitable for specific application and/or our information is valid in a particular circumstance. Responsibility remains with the architect or engineer, contractor and owner for the design, application and proper installation of each product. Specifier and end user shall determine the suitability of products for specific application and assume all responsibilities in connection thereunder.