

ChemMasters

Installation Guidelines

1202 Heavy Duty Cleaner/Degreaser is scientifically formulated to remove dirt and grease from plain concrete and masonry as well as treated surfaces.

1.0 General

1.1 Scope

This specification covers the performance characteristics and application procedures for a heavy-duty cleaner/degreaser designed to remove dirt and grease from plain concrete and masonry as well as treated surfaces.

1.2 Material Description

The material shall be a heavy-duty cleaner/degreaser designed to remove dirt and grease from plain concrete and masonry as well as treated surfaces. The material should be concentrated, low foaming and free rinsing. It should not leave any residue, and should be designed for use in automatic scrubbing machines or with conventional floor cleaning equipment.

1.3 Typical Applications

- A. Horizontal or vertical, interior or exterior concrete and masonry surfaces
- B. Removes built up oil and grease, ground in dirt
- C. Cleaning newly constructed structures prior to turn over to owner or subsequent trades
- D. As part of standard cleaning and maintenance procedures
- E. Clean up prior to acid etching or mechanical preparation methods for subsequent coating applications

1.4 Quality Assurance

The repair contractor shall have experience and proficiency specific to the repair type and shall be approved by the engineer and the material supplier. The material supplier shall provide job service as required to assure proper handling and installation of materials. The field representative shall instruct as needed to assure that handling, mixing, placing and finishing of materials are in accordance with specifications.

1.5 Delivery, Storage and Handling

The product shall be delivered in the original, unopened containers. It shall be labeled with the manufacturer's name, product name and lot number. Materials should be stored at the job site under dry conditions and at a temperature of 40° F., (4° C.) to 90° F. (32° C.).

1.6 Environmental Requirements

All materials used for the repair work shall be VOC compliant. The manufacturer shall supply the appropriate material safety data sheets upon request.

2.0 Materials

2.1 Approved Materials and Manufacturers

2.1.1 Product Standard

1202 Heavy Duty Cleaner/Degreaser, as manufactured by ChemMasters, 300 Edwards Street, Madison, Ohio, 44057-3112, 1-800-486-7866, is considered to conform to the requirements of this specification and shall be the cleaner used. 1202 Heavy Duty Cleaner/Degreaser is a heavy-duty cleaner/degreaser designed to remove dirt and grease from plain concrete and masonry as well as treated surfaces.

2.1.2 Substitutions

No submittals for substitutions will be accepted after the bid date. All submittals must be made in writing to the engineer with supporting technical data sheets and test data showing complete equivalent performance.

2.2 Packaging/Estimating/Coverage

2.2.1 Packaging

1202 Heavy Duty Cleaner/Degreaser is packaged in 5 U.S. gallon/18.7 Liter pails, shipped 36 per pallet shrink wrapped.

2.2.2 Estimating Guide

For normal cleaning and degreasing, dilute 1202 by volume 10:1, 10 parts water to one part cleaner/degreaser.

2.3 Storage:

Store pails in cool dry area. Shelf life is one year from date of manufacture.

2.4 Engineering Properties

2.4.1 Viscosity: Water thin

2.4.2 pH at 100% 13.3-13.9, pH at 10% 12.4-13.0

2.4.3 Active Ingredients: 25%

2.4.4 Specific Gravity: 1.08

2.4.5 Oven Stability: Passes

2.4.6 Freeze/Thaw Stability: 3 cycles

2.5 Accessory Materials as manufactured by ChemMasters, 300 Edwards Street, Madison, Ohio, 44057-3112, 1-800-486-7866, is considered to conform to the requirements of this specification.

3.0 Execution

3.1 References

- A. Meets the requirements of the U.S.D.A. for use in federally inspected meat and poultry plants, Classification A-4.
- B. Refer to ChemMasters MSDS and Technical Data Sheets

3.2 Directions:

- A. For best results when using automatic scrubbing equipment, use stiff wire or carbon brushes. When using 1202 Heavy Duty Cleaner/Degreaser with hand tools, use very stiff bristle brushes for scrubbing. Brushes break the surface tension and allow the 1202 to penetrate and clean the minute pores and capillaries of concrete and masonry surfaces.
- B. Automatic Equipment: After diluting the 1202 with water, begin scrubbing action in a back and forth motion followed by a second scrubbing action at right angles to first. This double scrubbing action removes the most particulate matter from the surface. Vacuum the used solution and dissolved contaminants. Rinse well with clean, potable water and allow to dry.
- C. Hand Cleaning: Apply diluted 1202 with a mop or sprinkling can and allow solution to soak for 5 minutes. Begin scrubbing with stiff bristle brooms or brushes until surface is clean. Vacuum used solution and dissolved contaminants. Rinse well with clean water and allow to dry.

3.3 Clean-up

Rinse tools and equipment with clean, potable water.