

ChemMasters

Installation Guidelines

1205 Seal Stripper is a nonflammable, coating, sealer and paint remover for use on concrete and wood. It is a thick, methylene chloride based compound containing an evaporation retardant and rinse aid.

1.0 General

1.1 Scope

This specification covers the performance characteristics and application procedures for providing a nonflammable coating, sealer and paint remover for use on concrete and wood. It is a thick, methylene chloride based compound containing an evaporation retardant and rinse aid.

1.2 Material Description

The material shall be a nonflammable, coating, sealer and paint remover for use on concrete and wood that is a thick methylene chloride based compound containing an evaporation retardant and rinse aid. It should be highly reactive with a paste-like consistency for rapid removal of most common concrete sealers, water rinsable, eliminating the need for scraping by hand, and the ability to lift build-up of several layers in one application.

1.3 Typical Applications

- A. Horizontal or vertical, exterior and well ventilated interior concrete and wood surfaces
- B. Removal of curing and sealing compounds, acrylic, latex or alkyd type paints and coatings
- C. Prepares surface for subsequent application of sealers or paints

1.4 Limitations

- A. Do not use in the presence of foodstuffs or other materials likely to absorb solvent odor
- B. Protect any exposed metallic surfaces. Remove or otherwise protect any equipment sensitive to solvent fumes.
- C. Always wear recommended protective clothing. Use a respirator when working in confined or inadequately ventilated areas
- D. Apply to thoroughly dry surfaces for optimum reactivity
- E. Do not allow 1205 Seal Stripper to come into contact with resilient tile or other materials which may soften on contact with strong hydrocarbons.
- F. 1205 Seal Stripper and the residue created in the removal process must be properly contained according to prevailing local and federal ordinances pertaining

to corrosive materials. Consult project specifications or local EPA before disposing of spent materials.

1.5 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.

1.6 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.).

1.7 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

1205 Seal Stripper, 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 stripper used. 1205 Seal Stripper is a nonflammable coating, sealer and paint remover for use on concrete and wood. It is a thick, methylene chloride based compound containing an evaporation retardant and rinse aid.

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

1205 Seal Stripper is packaged in 5 U.S. gallon/18.7L steel pails, shipped 36 per pallet shrink wrapped.

2.2.2 Estimating Guide

Coverage is dependent upon thickness and type of material to be removed. For estimating purposes, the average coverage for a single application is 50 Ft.2 per gallon/1.25 M² per liter.

2.3 Storage:

Store pails in cool, dry area away from sunlight and sources of heat. Shelf life of unopened containers is six months from date of manufacture.

2.4 Engineering Properties

2.4.1 Color: Light Amber

2.4.2 Application Temperature: 33-95° F 1-35° C.

2.4.3 Fragrance: Chlorinated hydrocarbon

2.4.4 Viscosity: 1000 cps

2.4.5 Solids: 5%

2.4.6 Specific Gravity: 1.21

2.4.7 Flash Point: None

2.4.8 Freeze/Thaw Stability: 3 cycles

2.4.9 Stability: 6 months in unopened container

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.

B. Refer to ChemMasters MSDS and Technical Data Sheets

3.2 Recommended Equipment

A. Solvent resistant lambs wool roller and rubber squeegee with long handles

B. Eye protection with splash guards, impervious gloves and rubber apron and boots are strongly advised

- C. Power washer, hose, wire brush, stiff bristle broom or mechanical scrubber and wet/dry vacuum
- D. Metal drum or other steel container to hold residue for proper disposal.

3.3 Directions

Cover and protect all metallic surfaces in area to be treated. Remove any materials or equipment, especially electronic or electrical components that might be damaged by contact or fumes. Remove any foodstuffs or materials which might absorb solvent odor.

3.4 Surface Preparation:

- A. Surfaces to be treated must be free of any oil, grease, tar or other surface deposits.
- B. ChemMasters recommends the use of 1201 Citrus Cleaner Degreaser or 1202 Heavy Duty Cleaner/Degreaser to clean surfaces prior to applying 1205.
- C. Thoroughly wash and rinse surfaces as directed on individual data sheets, vacuum residue and allow surface to dry completely before beginning stripping operation.

3.5 Application:

- A. Apply a thick coat of 1205 Seal Stripper with a lambs wool applicator or squeegee maintaining an approximate coverage rate of 50 Ft.² per gallon/ 1.25 M² per liter. For ease of application and removal, apply 1205 in narrow strips 3 feet/1 meter wide, not to exceed a comfortable reach with available tools.
- B. Allow 1205 Seal Stripper to dwell on surface for 5-10 minutes. Do not allow material to dry on surface.

3.6 Removal:

- A. Following recommended dwell time, check small area to confirm that coating or sealer has lifted or dissolved.
- B. When using a power washer, begin at one edge and use water pressure to lift and remove old coating or sealer. Take care not to dampen surfaces yet to be treated, 1205 Seal Stripper must be applied to dry surface.
- C. When removing by hand, dampen treated surface with hot water and scrub with wire brush or mechanical scrubber equipped with wire or very stiff bristle brushes to lift residue.
- D. Squeegee all used material and residue to side and contain in metal drum or other steel container for proper disposal.
- E. Any sealer, paint or coating remaining on surface after initial effort may be treated again for complete removal.

3.7 Clean-up

- A. Scrub treated surfaces with 1201 Citrus Cleaner Degreaser or 1202 Heavy Duty Cleaner/Degreaser diluted 10:1 with clean water. This final washing

neutralizes any unreacted stripper and removes any residue of sealer, coating or paint.

B. Use a stiff bristle brush or mechanical scrubber for best results.

Allow surface to dry thoroughly prior to applying any subsequent coatings or sealers.

C. Clean tools and equipment before materials dry and harden with warm water and detergent. Mechanical removal may be necessary if materials have dried hard.