

**3-PART ARCHITECTURAL SPECIFICATION  
FOR TREATMENTS WITH  
NISUS DSV® FOR MOLD REMEDIATION**

**Nisus Corporation**

**SECTION 02 87 13  
MOLD REMEDIATION**

Nisus Corporation NISUS DSV® Disinfectant, Sanitizer, Virucide

**(Specifier Note:** The purpose of this guide specification is to assist the Specifier in correctly specifying mold and the application. The Specifier needs to edit these guide specifications to fit the needs of each specific project. Contact a Nisus Corporation representative to assist in appropriate product selections. Throughout the guide specification, there are “Specifier Notes” to assist in the editing of the file. Brackets [ ] have been used to indicate when a selection is required.

References have been made within the text of the specification to MasterFormat 2016 Section numbers and titles. The Specifier needs to coordinate these numbers and titles with sections included for the specific project.

This guide is for residential and commercial structure applications using a compound that can be used against mold and other micro-organisms.

Nisus DSV is a broad-spectrum disinfectant, sanitizer, virucide, mildewstat, fungicide and deodorizer, which comes in an economical concentrate that is diluted and applied by spraying, using a mop and bucket, or by soaking. As a multisurface solution, DSV can be used both for everyday cleaning as well as a wide variety of critical or emergency situations. It's labeled for use in poultry, dairy, swine and equine farms, at USDA processing facilities and in many other locations. It's also labeled as a contact pesticide to kill small flies in drains and in other areas. This specification does not preempt EPA registered label directions.

This Nisus Corporation product can also be used for the following CSI MasterFormat specifications sections:

- Section 02 51 29 Surface Cleaning Decontamination
- Section 02 54 19 Bioremediation Decontamination
- Section 02 87 16 Excrement Removal
- Section 22 13 19 13 Sanitary Drains

**SECTION 02 87 13**  
**MOLD REMEDIATION**

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PART 1 - GENERAL

1.1 SUMMARY

- A. Section Includes: Mold remediation of structure.

1.2 ACTION SUBMITTALS

Product Data: For each type of mold remediation product indicated. Include EPA-Registered Label for termiticide products. *(Specifier Note: DELETE article below if not specific to project. LEED projects should be addressed separately and specifically including templates of information satisfying CIR requirements and case studies of projects receiving favorable ruling.)*

- A. LEED Submittals:

1. Product Data for Credit IDc1, For moldicide treatment of structure:
  - a. Provide documentation describing typical methods for mold prevention involving chemical pesticide treatments and describing alternative remediation. Include the advantages of one treatment over the other.
  - b. Provide documentation showing significant and measureable environmental effect and actual reduction in chemical use.
  - c. Provide statement of project commitment to eliminate future chemical use.

1.3 INFORMATIONAL SUBMITTALS

*(Specifier Note: VERIFY licensing requirements with local authorities. DELETE "Qualification Data" paragraph below if not project specific.)*

- A. Qualification Data: For licensed applicator.

*(Specifier Note: Nisus DSV® is distinguished from other moldicides by its formulation. If additional products are required for competitive procurement, contact Nisus Corporation for assistance in listing competitive products that may be available.)*

- B. Product Certificates.

- C. Moldicide Treatment Report: Include the following:

1. Date and time of application.
2. Quantity of undiluted moldicide used.
3. Dilutions, methods, volumes used, and rates of application.
4. Areas of application.
5. Areas not accessible.

- D. Warranties: Sample of special warranties.

#### 1.4 QUALITY ASSURANCE

- A. Applicator Qualifications: A specialist who is licensed per regulations of authorities having jurisdiction to apply mold remediation treatments and products in jurisdiction where Project is located and who employs workers trained and approved by manufacturer to apply manufacturer's products.
- B. Regulatory Requirements: Formulate and apply moldicide per the EPA-Registered Label.
- C. Source Limitations: Obtain mold remediation products from single source from single manufacturer.
- D. Pre-installation Conference: Conduct conference at Project site.

#### 1.5 PROJECT CONDITIONS

- A. Apply moldicide solutions during the dried-in phase after structural framing and sheathing is in place and prior to installation of drywall, insulation, mechanical systems and electrical wiring.

*(Specifier Note: DELETE "Warranty" article below if not specific to project.)*

#### 1.6 WARRANTY

*(Specifier Note: COORDINATE paragraph below with Division 01 sections. DELETE if not project specific.)*

*(Specifier Note: VERIFY warranty requirements with local authorities.)*

- A. Special Warranty: Standard form, signed by Applicator and Contractor, certifying that mold remediation work, consisting of applied moldicide, will remediate current infestation of mold. Applicator agrees to re-treat structure with moldicide treatments, and repair or replace damage where mold is discovered.
  - 1. Warranty Period: **[One][Five]** years from date of Substantial Completion.
    - a. Provide annual inspection of mold remediation work.

### PART 2 - PRODUCTS

#### 2.1 MANUFACTURER

- A. Nisus Corporation; 100 Nisus Drive; Rockford, TN 37853; Phone 800.264.0870; website [www.nisuscorp.com](http://www.nisuscorp.com)

## 2.2 MATERIALS

*(Specifier Note: Nisus DSV® is distinguished from other moldicides by its formulation. If additional products are required for competitive procurement, contact Nisus Corporation for assistance in listing competitive products that may be available.)*

A. Mold Treatment: EPA registered Moldicide complying with requirements of authorities having jurisdiction, in an aqueous solution formulated to prevent mold development.

1. Basis-of-Design: Subject to compliance with requirements, provide Nisus Corporation; Nisus DSV® [or approved equal].

Active Ingredient: Octyl Decyl Dimethyl Ammonium Chloride .... 1.650%  
Didecyl Dimethyl Ammonium Chloride ..... 0.825%  
Dioctyl Dimethyl Ammonium Chloride ..... 0.825%  
Alkyl (C<sub>14</sub>, 50%; C<sub>12</sub>, 40%; C<sub>16</sub>, 10%)  
dimethyl benzyl ammonium chloride ..... 2.200%

## PART 3 - EXECUTION

### 3.1 EXAMINATION

- A. Examine substrates, areas, and conditions, with Applicator present, for compliance with requirements for interfaces with slab and foundation work, utility installation, and other conditions affecting performance of mold remediation.
- B. Proceed only when unsatisfactory conditions have been corrected in a manner complying with Contract Documents.
- C. Starting work within an area will be construed as acceptance of surface conditions.

### 3.2 APPLICATION, GENERAL

- A. Comply with the most stringent requirements of authorities having jurisdiction and with manufacturer's EPA-Registered Label for products.

*(Specifier Note: RETAIN following Article for structure that has been previously damaged by flooding or is being gutted and rebuilt.*

### 3.3 PREVIOUSLY DAMAGED STRUCTURE APPLICATION

- A. Remove existing wall cladding to expose the building structure. If flooded remove to the extent that the wall cladding that is removed extends from the floor line to 6 inches above where the water line was.
- B. Allow structure to dry.

### 3.4 MOLDICIDE AND TERMITICIDE TREATMENT TO STRUCTURE APPLICATION

- A. Treatment Preparation: Remove foreign matter and impermeable materials that could decrease treatment effectiveness on areas to be treated.
- B. Application: For mold treat area of infestation. Distribute treatment evenly.
- C. Application for Moldicide: Provide quantity required for application at the label volume and rate for the maximum specified concentration of termiticide, per manufacturer's EPA-Registered Label. Apply solution to all exposed bare wood in the structure. Only treated wood will be protected.

**END OF SECTION**