

Version 1.0



# Specification Guide

## +Vantage Vinyl Verification Standard Specification Suggestions

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## Introduction

This document includes suggested +Vantage Vinyl Verification Standard specification verbiage for various specification sections found in typical Project Manuals. Text in blue is instructions and information to support informed decision-making by the responsible parties.

Specification Section Number and Titles: Specification section numbers and titles can be expressed at Level 2, where the first four digits in the number are defined to match a general section title, with two trailing zeros. Section numbers and titles can be more specifically expressed at Level 3, where all six digits are utilized and a more specific section title is given. In this document, both Level 2 and 3 are used to avoid repetition.

Refer to the Construction Specification Institute (CSI) MasterFormat Applications Guide for more information (available to CSI members only): <https://www.csiresources.org/standards/masterformat>

## Section 01 74 00 - Cleaning and Waste Management

*This is a generic section number and title, using the Level 2 number. Typically a project will have a Level 3, section number and title; **01 74 19 - Construction Waste Management and Disposal** is often used.*

*A "Performance Requirements" Article will typically occur in Part 1 or 2 of this Section. Included in this Article will be a "General" paragraph listing specific types of Demolition Waste and specifying end-of-Project rates for salvage and recycling expressed in percentage by weight of the total nonhazardous waste generated by the Work.*

*+Vantage Vinyl specification verbiage includes the following, to be added to the list of Demolition Waste:*

- a. Resilient Flooring containing Vinyl resin.
- b. Wallcovering containing Vinyl.
- c. Roofing, Single Ply Membrane containing Vinyl.
- d. Electrical Conduit containing Vinyl.
- e. Vinyl Siding.
- f. Composite Decking containing Vinyl.
- g. Other products containing Vinyl.

*General requirements for handling salvaged items are typically located in Part 3.*

*Procedures for recycling specific types of demolition waste are typically located in a “Recycling Demolition Waste” Article in Part 3. For carpet, pad, and carpet tile, the verbiage is typically already in the specification master. +Vantage Vinyl specification verbiage includes the following:*

**A. Recycling Vinyl Product Waste:**

1. Resilient Flooring containing Vinyl resin: stack and store flooring product demolition waste on pallet or inside container provided by vinyl flooring recycler.
2. Wallcovering containing Vinyl: place demolition waste inside container provided by wallcovering recycler.
3. Roofing, Single Ply Membrane containing Vinyl: place demolition waste on pallet or inside container provided by roofing recycler.
4. Electrical Conduit containing Vinyl: place demolition waste on pallet or inside container provided by conduit recycler.
5. Vinyl Siding: place demolition waste on pallet or inside container provided by vinyl siding recycler.
6. Composite Decking containing Vinyl: place demolition waste on pallet or inside container provided by composite lumber recycler.

*Reference to specific product or product category reclamation programs may be added to the above, or may be added to a separate “Recycling Receivers and Processors” paragraph, if present in the specification. For each type of vinyl product waste, the recycler may have additional requirements; if that is the case, add “Contractor responsibilities for reclamation of materials” as needed to describe.*

*For reference, a list of recyclers by location and by vinyl product supported can be found at this link:  
<https://www.vinylinfo.org/recycling-directory/>*

## Section 01 81 00 - Facility Performance Requirements (Sustainability)

*This is a generic section number and title, using the Level 2 number. This section contains the project sustainability goal(s). Typically a project will have a Level 3, or even a Level 4 section number and title which indicates the specific sustainability goal(s) for the project. A Level 4 example: 01 81 13.14 - Sustainable Design Requirements - LEED v4 BD+C.*

*Note that some projects have extensive and interrelated sustainability requirements that come from jurisdictional requirements, as well as various rating or certification programs. Jurisdictional requirements may be very prescriptive regarding third-party certifications and might not directly defer to one or more rating system.*

*Part 1 "Definitions" Article: add the following, as applicable to the project:*

- A. +Vantage Vinyl Verification Certificate: current certification that a company's brand line of products is part of a United States or Canadian vinyl value chain; and conforms to the +Vantage Vinyl Verification Standard, as promulgated by the Vinyl Institute's Vinyl Sustainability Council; and is recognized on the Certificate as issued by GreenCircle Certified, LLC to Verification Level ["Verified."] ["Silver."] ["Gold."] [as specified in individual technical sections.]

*Part 1 "Submittals" Article: submittal paragraphs are very project-specific and often contain extensive subparagraphs to cover requirements. They may be included in Action Submittals, Informational Submittals, or at other locations in the Section. For that reason, suggested language for vinyl products from +Vantage Vinyl-verified companies is not included herein. However, product requirements should be developed on a project-specific basis and integrated into these paragraphs.*

*Informational Submittals will typically include Certifications, EPDs, HPDs, Test Reports, Source Quality Control Reports, and similar documentation that should be developed for vinyl products from +Vantage Vinyl-verified companies.*

*The following is not mandatory by +Vantage Vinyl but may be included if Basis of Design products do provide Open Disclosure.*

1. Provide open disclosure of non-confidential additives used in PVC products. Acceptable documentation includes Material Ingredient Reports such as Health Product Declarations indicating disclosure to at least 1,000 ppm with no more than 25 percent of ingredients undisclosed.

*Limitations on VOC, as well as other building product category material restrictions, may be included in the Sustainability section, typically in a series of Articles in Part 2. Some jurisdictions will already address flooring and carpet; requiring third-party listings and prohibiting certain chemical components.*

*The following is some stand alone verbiage that could be used or integrated into existing Part 2 paragraphs.*

- A. Vinyl-containing products from companies that are +Vantage Vinyl verified shall conform to the following:
  1. Required Third-Party Sustainability Labels: +Vantage Vinyl Verification Certificate as issued by GreenCircle Certified, LLC to Verification Level ["Verified."] ["Silver."] ["Gold."] [as specified in individual technical sections.]

*The following is required by +Vantage Vinyl but may be included for additional clarification.*

2. Prohibited components: no added Lead, Hexavalent Chromium, or Cadmium ingredients in vinyl components.

## **Section 02 41 00 - Demolition**

*This is a generic section number and title, using the Level 2 number. Typically a project will have a Level 3, section number and title; **02 41 19 - Selective Demolition** is often used.*

*Some firms may include a detailed Part 3 "Disposal of Demolished Materials" Article. For those cases, +Vantage Vinyl specification verbiage from 01 74 00 - Cleaning and Waste Management can be referenced. Where Section 01 74 00 is not included in the project specifications, the applicable verbiage can be added in Section 02 41 00.*

For reference, a list of recyclers by location and by vinyl product supported can be found at this link:  
<https://www.vinylinfo.org/recycling-directory/>

## Typical Technical Sections

Typical technical sections where +Vantage Vinyl specification verbiage may be applicable (for end product or vinyl supplier) include:

### **Division 06 - Wood, Plastics, and Composites**

06 51 13 - Plastic Lumber  
06 53 00 - Plastic Decking  
06 63 00 - Plastic Railings

### **Division 07 - Thermal and Moisture Protection**

07 13 54 - Thermoplastic Sheet Waterproofing  
07 27 19 - Plastic Sheet Air Barriers  
07 31 53 - Plastic Shakes  
07 32 26 - Plastic Roof Tiles  
07 41 33 - Plastic Roof Panels  
07 42 33 - Plastic Wall Panels  
07 46 33 - Plastic Siding  
07 54 19 - Polyvinyl-Chloride Roofing

### **Division 08 - Openings**

08 53 13 - Vinyl Windows  
08 87 00 - Glazing Surface Films

### **Division 09 - Finishes**

09 65 13 - Resilient Base and Accessories  
09 65 16 - Resilient Sheet Flooring  
09 65 19 - Resilient Tile and Plank Flooring  
09 65 36 - Static-Control Resilient Flooring  
09 65 66 - Resilient Athletic Flooring  
09 67 23 - Resinous Flooring  
09 77 13 - Stretched-Fabric Wall Systems  
09 72 00 - Wall Coverings  
09 84 33 - Sound-Absorbing Wall Units

09 84 36 - Sound-Absorbing Ceiling Units  
09 91 13 - Exterior Painting  
09 91 23 - Interior Painting  
09 94 19 - Multicolor Interior Finishing  
09 96 00 - High-Performance Coatings

### **Division 10 - Specialties**

10 14 23 - Panel Signage  
10 14 23.16 - Room-Identification Panel Signage  
10 14 29 - Modular Signage  
10 21 23 - Cubicle Curtains and Track  
10 22 19 - Demountable Partitions  
10 22 39 - Folding Panel Partitions  
10 26 00 - Wall and Door Protection  
10 28 00 - Toilet, Bath, and Laundry Accessories  
10 56 26 - Mobile Storage Shelving  
10 73 13 - Awnings  
10 73 43 - Transportation Stop Shelters  
10 75 16 - Ground-Set Flagpoles

### **Division 11 - Equipment**

Numerous sections mention vinyl or PVC. The use of specifications in this Division is very project-specific and there are many use cases to consider.

### **Division 12 - Furnishings**

12 21 13 - Horizontal Louver Blinds  
12 21 16 - Vertical Louver Blinds  
12 24 13 - Roller Window Shades

*Typical +Vantage Vinyl specification suggested verbiage for technical sections:*

*Part 1, "Summary" Article: integrate the following in the items listed under "Section Includes:"*

1. Vinyl-containing products and components in this Section shall be from companies that are +Vantage Vinyl verified to the following Level: [Verified] [Silver] [Gold].

*Part 1, "Informational Submittals" Article, under Product Certificates; integrate the following:*

1. Product Certificates: as issued by GreenCircle Certified, LLC; for each type of vinyl-containing product, demonstrating that products are from companies that are +Vantage Vinyl verified.

*The following is not mandatory by +Vantage Vinyl but may be included if Basis of Design products do provide Open Disclosure.*

1. Provide open disclosure of non-confidential additives used in PVC products. Acceptable documentation includes Material Ingredient Reports such as Health Product Declarations indicating disclosure to at least 1,000 ppm with no more than 25 percent of ingredients undisclosed.

*Part 2, Materials:*

*The following is required by +Vantage Vinyl but may be included for additional clarification.*

1. Prohibited components: no added Lead, Hexavalent Chromium, or Cadmium ingredients in vinyl components.

*Optional text: verify if Basis of Design products comply; if they do, add the following:*

1. Sourcing of Vinyl Resin and Additives from Vinyl Compounder/Formulator: source from companies that are +Vantage Vinyl verified.
2. Vinyl-containing components used in the fabrication of construction products: source from companies that are +Vantage Vinyl verified.

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