



# Installation Guidelines

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## PART 1 – GENERAL

### 1.01 SUMMARY

- A. Section includes drawings and all provisions of the contract that apply.
- B. Cellular Polyvinyl Chloride (PVC) decking.

### 1.02 SYSTEM DESCRIPTION

A. The contractor shall provide a cellular, PVC deck of the design, style and strength defined herein. This PVC material is specially formulated for outdoor use with superior color hold and impact resistant properties after extended outdoor exposure.

### 1.03 SUBMITTALS

- A. General: Submit the following according to the conditions of the contract.
- B. Product Data: In the form of manufacturer's technical data, specifications, and installations for decking.
- C. Samples: To verify color of PVC components, provide 6-inch length of the actual product that will be used in color selection.
- D. Shop Drawings: Submit shop drawings showing layout, profiles, and product components.
- E. Quality Assurance Submittals: Submit the following:
  - 1. Test Reports: Certified test reports showing compliance with specified performance, characteristics, and physical properties.
  - 2. Compliance Reports: Research reports or evaluation reports. Provide evidence that the cellular PVC decking is in compliance with applicable building code in effect for project.
  - 3. Warranty: Warranty documents specified herein.

### 1.04 QUALITY ASSURANCE

- A. Qualifications:
  - 1. PVC Decking Installer Qualifications: Engage a VEKA licensed fabricator to ensure successful completion of project.
  - 2. Manufacturer Qualifications: Manufacturer should be capable of providing field service representation during construction and should be capable of approving acceptable installer and application methods.

### 1.05 PROJECT CONDITIONS

- A. Field Measurements: Verify layout information for decking shown on the drawings in relation to the property survey and existing structures. Verify dimensions by field measurements.

## PART 2 – PRODUCTS

### 2.01 DECKING MATERIALS

- A. General: Provide PVC decking materials recognized to be of type indicated and tested to show compliance with indicated performances.
- B. Manufacturer: Subject to compliance with requirements, manufacturers offering products that may be incorporated in the work include:
  - 1. Veka Innovations, 427 Thacher Lane Suite A, Youngstown, OH 44515.

### 2.02 PRODUCT SUBSTITUTIONS

- A. Substitutions: No substitutions permitted.

### 2.03 DECKING COMPONENTS

- A. PVC Decking Materials is a reinforced cellular PVC extruded in lengths indicated with a suitable slip resistant walking surface. The cross section of the deck plank is 1.500" x 5.500".

### 2.04 MISCELLANEOUS MATERIALS

- A. Fasteners: Anchorage: VEKAdeck boards shall be fastened with two No. 8 by 2 1/2 inch-long (63.5mm) wood screws at each supporting solid sawn wood member
- B. Manufacturer does not recommend the use of an impact nail gun as this may cause cracking to the deck board around the nail head.

## PART 3 EXECUTION

### 3.02 PREPARATION

- A. Site Verification: Verify foundation conditions to be sure that they are acceptable for product installation.
- B. The contractor in accordance with the construction plans shall layout all new installations.

### 3.03 DECKING INSTALLATION

- A. General Installation
  - 1. Install decking in using a 16-inch center to center joist span.
  - 2. Install 2 deck screws at each joist.
  - 3. Each screw should be placed 1inch in from them edge and end of the board.
  - 4. Width to width spacing between board for expansion and contraction should be at least 1/8 of an inch.
  - 5. End to end spacing between boards should be a minimum of 3/16".
  - 6. Wherever deck boards are installed end to end, a double joist is required to fasten the deck board to the joists.
  - 7. Variation from the installation must be approved and the cost for removal and/or replacement of material from the result of a variation will be the contractor's responsibility.

### 3.04 CLEANING

- A. Wash using a soft cloth or ordinary long-handled soft bristle brush.
- B. For difficult to remove dirt and stains such as top soil, motor oil, lithium grease, etc. use the readily available household cleaners such as:
  - 1. Fantastic
  - 2. Murphy's oil soap
  - 3. Lestoil
  - 4. Lysol
  - 5. Windex
  - 6. Vinegar and water
- C. In some cases you may wish to use mildly abrasive cleaner, such as cleansers or a paste-like scrubbing solution. Use of abrasive material could have a negative effect on the surface of the fence.
- D. Do not use cleaners containing aggressive organic solvents because they could affect the surface appearance of the vinyl. Examples of such cleaners are: chlorine bleach, liquid grease remover, strong soaps, and detergents containing organic solvents, nail polish remover, and furniture polish/cleaners.
- E. Avoid using rubber backed mats, or any other non porous objects such as plastic tarps as they may cause discoloration when used on the deck over an extended period of time.
- F. Products that contain chemicals or U.V. inhibitors such as sunblock or other tanning lotions, insect repellants, etc. may cause discoloration if exposed to the deck for an extended period of time. (Use caution and clean deck immediately when it has been exposed to such products.)
- G. Algae, mold and mildew growing on residue deposited onto exposed surfaces should be removed using a soft bristled brush and a mild mixture (10 to 1) of bleach and water. Rinse thoroughly with water immediately after brushing. (Note: algae, mold and mildew is sustained by surface residue deposited on the vinyl, not the vinyl itself.)

