



SPECIFIER NOTE:

The purpose of this guide specification is to assist the specifier in correctly specifying aluminum siding with a High-Definition dye sublimation finish and their installation. The specifier needs to edit the guide specifications to fit the needs of specific projects. Contact aPlank to assist in appropriate product selections and for detailing assistance. Throughout the guide specification, there are Specifier Notes to assist in the editing of the file. Red text in brackets indicates a selection needs to be made.

SECTION 07 46 16

ALUMINUM SIDING

1. GENERAL

1. SECTION INCLUDES

A. Aluminum siding [and soffits,] with powder coated solid colors and/or dye sublimation High-Definition woodgrain finish.

B. Accessory products including

1. Starter Trim
2. Connection Trim
3. Corner Trim

2. ADMINISTRATIVE REQUIREMENTS

A. Pre-installation meeting: Conduct a pre-installation meeting at the job site attended by Owner, Architect, panel installer, and contractors of related trades.

3. ACTION SUBMITTALS

A. Product Data: For each type of product, include the following:

1. Technical data
2. Installation Instructions
3. Aluminum material information
4. Siding and accessory dimension of components and profiles

B. Samples: 6" x 6" Physical siding plank to match selected standard finish.

4. INFORMATIONAL SUBMITTALS

A. Product certificates: For each type of aluminum siding [and soffit].



SPECIFIER NOTE:

When project is pursuing a sustainable rating system, retain Sustainable Design Submittal paragraph and edit to correspond to the specific Project requirements. Modify based on rating system being pursued.

B. Sample warranty

5. CLOSEOUT SUBMITTALS

A. Warranty: Executed copy of the manufacturer's warranty.

6. QUALITY ASSURANCE

A. Mockups: Build mockups to verify selections made and to demonstrate aesthetic effects and to set quality standards for fabrication and installation.

1. Build mockups for siding [and soffit] including accessories

a. Size: 8.48'x 8.48', from sample carton, unless noted otherwise.

b. Include outside corner on one end of mockup and inside corner on opposite end.

2. [Subject to compliance with requirements, approved mockups may become part of the completed Work if undisturbed at time of Substantial Completion.]

7. WARRANTY

A. Special Warranty: Manufacturer warrants its aluminum siding and soffits are free of defects in material and workmanship, and when applied and maintained according to the manufacturer's instructions, the products are guaranteed against.

1. Buckling

2. Corrosion

B. Finish Warranty: Manufacturer includes the primer, high-definition printed layer and clear protective coating. Finish is warranted to have the following properties.

1. Resistance to Cracking and Crazing

2. Color Retention: No change in the color of the finish on the building – greater than 5 units

3. Gloss Retention of at least 30 percent of the original

4. Adhesion: Finish will not peel from substrate.

C. Warranty Period: 10 years from date of Substantial Completion, non-prorated. Pending maintenance of the material and finishes as recommended by the manufacturer.



Warehouse: 510 E Front St,
Wilmington DE 19801
Accounting: 51 Mapleton Ave,
Staten Island, NY 10306
(201) 988-9600
info@aplank.com
aplank.com

2. PRODUCTS

1. MANUFACTURER

A. aPlank, Warehouse: 500 E Front St, Wilmington DE 19801
Accounting/Check Processing: 51 Mapleton Ave, Staten Island, NY 1306
Phone: (201) 988 - 9600
www.aplank.com
Info@aplank.com

2. ALUMINUM MATERIAL

A. Extruded Aluminum 6063-T5 alloy.

3. ALUMINUM SIDING [AND SOFFIT] PLANKS



SPECIFIER NOTE:

Select the desired profile specific to project and delete the other indicated profiles. Where more than one profile or size is selected coordinate with drawings for clarity. Not all profiles are available in all exposed face dimensions. Select accordingly.

A. Profile V6: Flat Plank

1. [Exposed Face: 6 inches; minimum metal thickness: 0.438 inch]
2. Plank Length: 16 feet

B. Starter Trim

1. [Exposed Face: 1.67 inches; minimum metal thickness: 0.504 inch]
2. Plank Length: 10 feet

C. Connection Trim

1. [Exposed Face: 2.77 inches; minimum metal thickness: 0.514 inch]
2. Plank Length: 10 feet

D. Corner Trim

1. [Exposed Face: 2.027 inches; minimum metal thickness: 2.055 inch]
2. Plank Length: 10 feet

4. ACCESSORIES

A. Siding Accessories, General: Provide starter, corner including connection trims, and other items as recommended by siding manufacturer for building configuration.

1. Provide accessories made from the same material and matching finish of adjacent siding unless otherwise indicated.

B. Aluminum Accessories: Where aluminum accessories are indicated, provide trim pieces included.

1. Starter Trim
2. Connection Trim
3. Connection Trim

C. Fasteners: Stainless Steel screws.

5. POWDERCOATED DYE SUBLIMATION HD FINISH

A. multi-layer color finish including



1. Base Powder Coat: for applied to aluminum for adhesion between dye sublimation woodgrain layer and aluminum
2. High-Definition printed polyester film designed for decorating aluminum by means of a sublimation process that ensures resistance to atmospheric agents and wear and tear. Integral UV stable pigments

3. EXECUTION

1. EXAMINATION

- A. Examine substrates for compliance with requirements for installation tolerances and other conditions affecting performance of aluminum siding [and soffit] and related accessories.
- B. Proceed with installation only after unsatisfactory conditions have been corrected.

2. PREPARATION

- A. Clean substrates of projections and substances detrimental to application.

3. INSTALLATION

- A. General: Comply with manufacturer's written installation instructions applicable to products and applications indicated unless more stringent requirements apply.
 1. Center fasteners in elongated, clipless fastening slots, fasten without binding siding to allow for thermal movement.
- B. Install aluminum siding [and soffit] and related accessories according to manufacturer recommendations
 1. Install fasteners no more than 16 inches o.c.
Where plank ends butt together (fasten each plank with 1 set screw, fastened through the metal) locate set screw so that plank movement is allowed at ends opposite the butt joint.
 2. Allow 3/16 inch for expansion and contraction between trim and planks.
- C. Where aluminum siding contacts dissimilar metals, protect against galvanic action by painting contact surfaces with primer or by applying sealant or tape or installing nonconductive spacers as recommended by manufacturer for this purpose.

4. ADJUSTING AND CLEANING

- A. Remove damaged, improperly installed, or otherwise defective materials and replace them with new materials complying with specified requirements.
- B. Clean finished surfaces according to manufacturer's written instructions and maintain them in a clean condition during construction.

DISCLAIMER:

This Specification have been written as an aid to the professionally qualified Specifier and Design Professional. The use of this Guide requires the sole professional judgment and expertise of the qualified Specifier and Design Professional to adapt the information to the specific needs for the Building Owner and the Project, to coordinate with their Construction Document Process, and to meet all the applicable building codes, regulations, and laws. aPlank EXPRESSLY DISCLAIMS ANY WARRANTY, EXPRESSED OR IMPLIED, INCLUDING THE WARRANTY OF MERCHANTABILITY OR FITNESS FOR PARTICULAR PURPOSE OF THIS PRODUCT FOR THE PROJECT.

END OF SECTION