



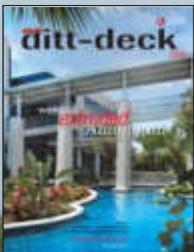
10 71 13/DIT  
Buyline 1937

dittmer

# ditt-shade

2008

*extruded*  
*Aluminum*  
sunshades



Refer to:

- 08 63 00/DIT for Acrylic Walkway Covers
- 10 73 00/DIT for Extruded Aluminum Walkway Covers

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Photography  
by dana

Front cover photo:

- Belle Terre at Millenia
- Orlando, Florida
- Baker Barrios Architects • Architect
- Kelsey Construction, Inc. • Contractor



- Heart of Florida
- Davenport, Florida
- Helman Hurley Charvat Peacock • Architect
- Beers Construction Co. • Contractor



- The Celebration School
- Celebration, Florida
- Schenkel Shultz • Architect
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- Veranda Park at Metro West
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- Naples, Florida
- Weiss & Socol • Architect
- brad schiffer/TAXIS • Architect
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- Orlando International Airport Airside II Terminal
- Orlando, Florida
- HOK Architects • Architect
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- Wayne County Municipal Courts Building
- Wooster, Ohio
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- Bogner Construction Company • Contractor



- Southridge Building
- Orlando, Florida
- East Group Properties • Design
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**Section 10 71 13/DIT**

**Extruded Aluminum Louvers/Sunshade Devices**

**GENERAL**

**1.1 Description**

A. Related work specified elsewhere:

- 1. Concrete Section \_\_\_\_\_
- 2. Sheet metal work Section \_\_\_\_\_

B. Work included in this section - The extent of the extruded aluminum louver system is shown on the contract drawings and hereby defined to include all louvers/sunshade devices of the type shown and specified herein.

**1.2 Industry Standard**

A. Reference - Products and executions are specified in this section by reference to the following industry and/or trade specifications or standards of the following: National Association of Architectural Metal Manufacturers (NAAMM), The Aluminum Associates, Inc. (AA).

**1.3 Qualifications**

A. Manufacturers:

- 1. Standard - For the purpose of designation type and quality for the work under this section, drawings and specifications are based on the products manufactured by Dittmer Architectural Aluminum, 1006 Shepard Road, Winter Springs, Florida 32708, 407.699.1755, 407.695.4430 (fax), 800.822.1755 & www.dittdeck.com.
- 2. Acceptable Manufacturers - Subject to compliance with these specifications, products as manufactured by: *Airolite Company Airstream Louvers, C/S LouverForms, ASCA Inc.*

Other manufacturers may bid only after written approval of the architect, obtained 10 days prior to bid opening and issued by addendum. Interested manufacturers must furnish full details of proposed product, engineering calculations on all sections involved, physical samples of all shapes and finishes, a list of installations similar in size and design, and must have a minimum of five years experience in manufacturing and installing extruded aluminum louver systems.

**1.4 Submittals**

- A. Shop Drawings - Submit for architect's approval prior to commencement of any work or fabrication under this section, \_\_\_\_\_ sets of detail shop drawings showing all areas of work: profiles and sections of all components, finishes and fastening details.
- B. Guarantees - The work in this section shall be guaranteed against defects in material and workmanship for a period of one (1) year from date of acceptance of the building. Contractor shall replace and repair any defects at no cost to the owner.

**1.5 Product Handling**

- A. Shipping and Handling:  
 Delivery to be made by manufacturer's own truck to prevent damage.

**PRODUCTS**

**2.1 Materials** - All sections shall be 6063 alloy, heat-treated to a T-6 temper. Louvers, heads, sills and jambs shall be as detailed on the contract drawings. All sections to have integral caulking slot and retaining bead. All fasteners to be stainless steel or aluminum. Structural supports to be designed by the louver manufacturer to carry a wind load of not less than 20 pounds (or other required loading) per square foot (957 pascals).

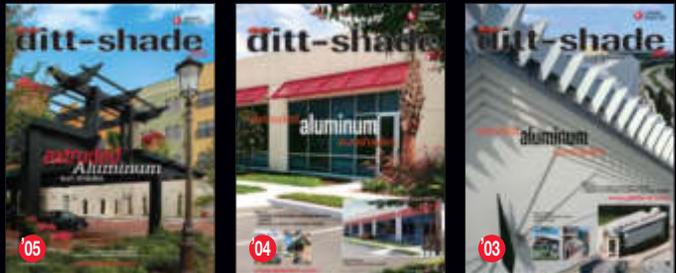
**2.2 Finish** - All extruded aluminum components shall be clear anodize per Aluminum Association Specification AA-M-10C-22A-21 or bronze, amber or black anodize per AA-M-10C-22A-42. Painted finish shall consist of baked acrylic enamel, for maximum chalk and fade resistance, over chromate conversion pretreatment.

**EXECUTION**

- 3.1 Field Dimensions** - General contractor shall field confirm openings and elevations as shown on shop drawings prior to fabrication.
- 3.2 Erection** - Manufacturer's factory trained installer or authorized installer shall be scheduled to erect after all adjacent painting, roofing and masonry have been completed. Butt and miter joints shall be executed in a workmanship manner.

**PROTECTION**

**4.1 Protection** - Exercise care in handling and installation to prevent scratching or marring of the finish. Any sections that are scratched are to be touched up. If damage cannot be repaired in an acceptable manner, components will be replaced with no cost to the owner. Advise contractor of protection and surveillance procedures, as required to ensure that work of this section will be without damage or deterioration at time of substantial completion.



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