

\*\*\*\*\*  
USACE / NAVFAC / AFCEA / NASA                      UFGS-12 21 13.00 40 (April 2006)  
-----  
Preparing Activity:    NASA                      Superseding  
   NASA-12495S (December 2005)

UNIFIED FACILITIES GUIDE SPECIFICATIONS

References are NOT in agreement with UMRL dated 01 April 2006

Revised throughout - changes not indicated by CHG tags

\*\*\*\*\*

SECTION TABLE OF CONTENTS

DIVISION 12 - FURNISHINGS

SECTION 12 21 13.00 40

HORIZONTAL LOUVER BLINDS

04/06

PART 1    GENERAL

- 1.1    REFERENCES
- 1.2    SUBMITTALS

PART 2    PRODUCTS

- 2.1    GENERAL

PART 3    EXECUTION

- 3.1    FIELD MEASUREMENTS
- 3.2    INSTALLATION
- 3.3    CLEANING AND FINAL ADJUSTMENT

-- End of Section Table of Contents --

\*\*\*\*\*  
USACE / NAVFAC / AFCEA / NASA UFGS-12 21 13.00 40 (April 2006)  
-----  
Preparing Activity: NASA Superseding  
NASA-12495S (December 2005)

# UNIFIED FACILITIES GUIDE SPECIFICATIONS

References are NOT in agreement with UMRL dated 01 April 2006

Revised throughout - changes not indicated by CHG tags

\*\*\*\*\*

## SECTION 12 21 13.00 40

### HORIZONTAL LOUVER BLINDS 04/06

\*\*\*\*\*

NOTE: Delete, revise, or add to the text in this section to cover project requirements. Notes are for designer information and will not appear in the final project specification.

This section covers horizontal venetian blinds not exceeding 4880 millimeter 16 feet in continuous lengths and not exceeding a total weight of 66 kilogram 30 pounds.

Drawings must indicate:

Location and number of windows to receive blinds

Details must indicate whether the blinds are recess mounted between the window jambs, wall mounted outside the window jambs, ceiling mounted, or pocket mounted.

Hold-down or sway-stop brackets as required

Comments and suggestions on this guide specification are welcome and should be directed to the technical proponent of the specification. A listing of technical proponents, including their organization designation and telephone number, is on the Internet.

Recommended changes to a UFGS should be submitted as a Criteria Change Request (CCR).

Use of electronic communication is encouraged.

Brackets are used in the text to indicate designer choices or locations where text must be supplied by the designer.

\*\*\*\*\*

## PART 1 GENERAL

### 1.1 REFERENCES

\*\*\*\*\*

NOTE: This paragraph is used to list the publications cited in the text of the guide specification. The publications are referred to in the text by basic designation only and listed in this paragraph by organization, designation, date, and title.

Use the Reference Wizard's Check Reference feature when you add a RID outside of the Section's Reference Article to automatically place the reference in the Reference Article. Also use the Reference Wizard's Check Reference feature to update the issue dates.

References not used in the text will automatically be deleted from this section of the project specification when you choose to reconcile references in the publish print process.

\*\*\*\*\*

The publications listed below form a part of this specification to the extent referenced. The publications are referred to within the text by the basic designation only.

U.S. GENERAL SERVICES ADMINISTRATION (GSA)

FS AA-V-00200

(Rev B) Venetian Blinds

UNDERWRITERS LABORATORIES (UL)

UL 325

(2003) Standard Specification for Door, Drapery, Gate, Louver, and Window Operator's and Systems

### 1.2 SUBMITTALS

\*\*\*\*\*

NOTE: Review Submittal Description (SD) definitions in Section 01 33 00 SUBMITTAL PROCEDURES and edit the following list to reflect only the submittals required for the project. Submittals should be kept to the minimum required for adequate quality control.

A "G" following a submittal item indicates that the submittal requires Government approval. Some submittals are already marked with a "G". Only delete an existing "G" if the submittal item is not complex and can be reviewed through the Contractor's Quality Control system. Only add a "G" if the submittal is sufficiently important or complex in context of the project.

For submittals requiring Government approval on Army projects, a code of up to three characters within

the submittal tags may be used following the "G" designation to indicate the approving authority. Codes for Army projects using the Resident Management System (RMS) are: "AE" for Architect-Engineer; "DO" for District Office (Engineering Division or other organization in the District Office); "AO" for Area Office; "RO" for Resident Office; and "PO" for Project Office. Codes following the "G" typically are not used for Navy, Air Force, and NASA projects.

Choose the first bracketed item for Navy, Air Force and NASA projects, or choose the second bracketed item for Army projects.

\*\*\*\*\*

Government approval is required for submittals with a "G" designation; submittals not having a "G" designation are [for Contractor Quality Control approval.] [for information only. When used, a designation following the "G" designation identifies the office that will review the submittal for the Government.] Submit the following in accordance with Section 01 33 00 SUBMITTAL PROCEDURES:

#### SD-02 Shop Drawings

Installation drawings shall be submitted for Venetian Blinds in accordance with the paragraph entitled, "Installation," of this section.

#### SD-04 Samples

Manufacturer's standard color charts shall be submitted for Venetian Blinds showing the manufacturer's recommended color and finish selections.

Sample Venetian Blinds: Three full-size by 300 millimeter 12-inches long of each color shall be provided.

\*\*\*\*\*

NOTE: Delete the following paragraph if a preproduction sample of the finished blind is not required.

\*\*\*\*\*

Preproduction sample of finished blinds shall be provided in accordance with UL 325 FS AA-V-00200.

#### SD-07 Certificates

Certificates shall be submitted for Venetian Blinds showing conformance with UL 325 FS AA-V-00200.

## PART 2 PRODUCTS

### 2.1 GENERAL

\*\*\*\*\*

NOTE: The referenced specification calls for blind slats to be 50 millimeter 2 inches wide, if smaller

or larger width slats are required, they must be specified. Also specify slat material and temper, width, thickness, and color(s). Stipulate head and bottom rail materials and color, operator(s), ladders, and their spacing.

\*\*\*\*\*

Venetian Blinds materials, fabrication, assembly, workmanship, finish, inspection, testing, and other similar items shall be in conformance with UL 325 FS AA-V-00200.

[Hold-down or sway-stop brackets shall be provided.]

### PART 3 EXECUTION

#### 3.1 FIELD MEASUREMENTS

Contractor shall take measurements and be responsible for approved fitting and hanging.

#### 3.2 INSTALLATION

Venetian Blinds shall be installed in a rigid, substantial manner, straight, plumb, and level with blinds located as indicated.

Mounting brackets shall be secured to supporting surfaces with anchors of types indicated by the following substrate construction. Spacing of mounting brackets shall not exceed 1830 millimeter 72 inches on center.

[Mounting brackets shall be secured with toggle bolts to plaster on metal-lath surfaces, plaster on gypsum-lath surfaces, and gypsum board surfaces. Toggle bolt size shall be at least 5M-5 (No. 10-24) No. 10-24, length as required for wall thickness. Toggle bolts shall have a load-carrying strength of not less than 1550 newton 350 pounds per anchor.]

[Mounting brackets shall be secured to masonry, clay tile, or concrete with lead expansion shields. Expansion shields shall be designed for use with not less than 5M-5 (No. 10-24) No. 10-24 screws. Shield length shall be not less than 25 millimeter 1 inch with a load carrying strength of not less than 1330 newton 300 pounds per anchor.]

#### 3.3 CLEANING AND FINAL ADJUSTMENT

After completion of the installation, final adjustments to operating hardware, cords, louvers, and other parts of the blind assembly shall be performed to ensure proper operation. Exposed surfaces shall be cleaned and ready for use. Damaged, spotted, or otherwise defective parts shall be removed and replaced with new materials or repainted/restored at no additional cost to the Government.

-- End of Section --