

ANSI/WCMA A101.1-2008



**AMERICAN NATIONAL STANDARD FOR
CORDED HORIZONTAL LOUVER BLINDS WITH METAL SLAT**



SPONSOR

WINDOW COVERING MANUFACTURERS ASSOCIATION, INC.

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FOREWORD

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This standard was first published by the American Window Covering Manufacturers Association as Commercial Item Description 1029 last revised in 1986. The document covered commercial 1 and 2 inch horizontal slat venetian blinds.

1. SCOPE

1.1 This Standard contains minimum requirements for corded horizontal louver blinds made with metal slats. It is intended that conformance to this Standard assures satisfactory product performance, quality and durability.

1.2 Tests described in this Standard are performed under laboratory conditions. Results may vary when used under other conditions.

2. GENERAL

2.1 A Horizontal Blind consists of cord, cord lock, head and bottom rails, slats, ladders or tapes and a tilting mechanism.

2.2 Louvers shall be capable of being tilted to various angles. These angled adjustments contribute to the control of light, privacy, view, heat and ventilation.

2.3 Louvers shall be capable of being raised and lowered to various heights.

2.4 Slats are permitted to be 1/2" (13 mm) to 2" (51 mm) wide as selected by the user and available from the manufacturer.

2.5 Horizontal Blinds shall be easily removed and reinstalled. Fastener requirements are not included in this standard due to varying materials of construction and resultant installation methods.

2.6 Horizontal Blind components shall conform to the tests and performance requirements described in this Standard up to the sizes specified in Section 5. Blinds over 120" (3048 mm) in width or length requiring a maximum pull force of over a 45 lbf (198 N) when tested in accordance with Pull Force Test 5.3 are not subject to the Standard.

2.7 Blinds shall be constructed for interior space and specified as either inside mount (between the jambs) or outside mount (outside the jambs). For inside mount, blinds shall be made to 1/2" (13 mm) less than the width specified $\pm 1/8"$ (3 mm) unless otherwise specified by the manufacturer. For outside mount, blinds shall be made to the width size specified $\pm 1/8"$ (3 mm). The height/length for all blinds shall be made to size specified $+1/2"$ (13mm), $-1/4"$ (6 mm). The window opening is measured in both horizontal and vertical planes. Standard method is to first provide window opening width (horizontal) and then height or length (vertical) dimensions.

2.8 Blind Length of the finished blind is measured from the top of the headrail to the bottom of the bottom rail when blind is fully extended (deployed) and the slats are in the full view position. This is also referred to as blind height.

2.9 Blind Width of the finished blind is the horizontal dimension of the widest horizontal blind component.

2.10 Required values in this Standard are given in US units. SI (metric) equivalents are approximate.

2.11 Required to conform to the most recent version of ANSI/WCMA A100.1, the American Standard for Safety of Corded Window Covering Products.