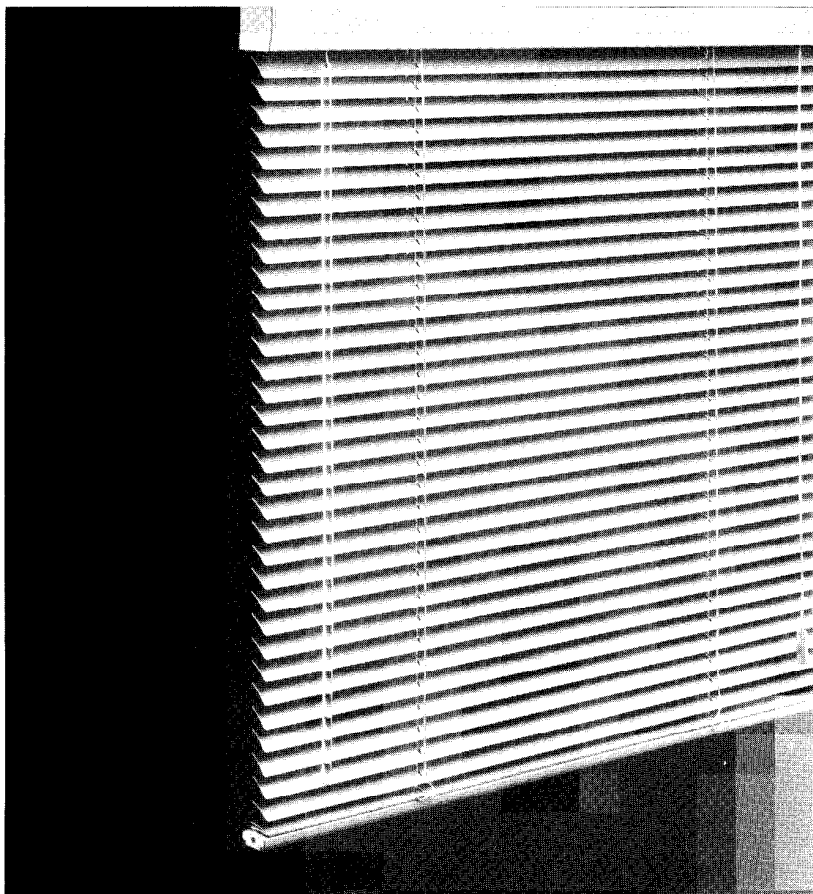




MARK I DUSTGUARD™ 1" BLIND

Top quality 1" horizontal aluminum window covering for exposed headrail commercial applications.



Product Overview

The Mark I DustGuard Blind represents Levolor's top quality horizontal blind for exposed headrail applications. Engineered for both durability and aesthetics, the Mark I DustGuard Blind combines a valance-free headrail design with a concealed mounting system to provide an overall clean, finished look.

The DustGuard feature is a permanent paint process that disrupts the natural static attraction of dust particles to the slat. By removing the primary reason blinds attract dust a 50–70 percent reduction in accumulation can be achieved. Less dust means less maintenance and a cleaner, more professional appearance.

The valance-free headrail is made of roll-formed corrosion-resistant Tomized, steel and has a crowned underside profile to prevent light leakage. The working drum mechanism contains acetal polymer bushings to reduce friction and provide smooth operation. The added feature of the concealed mounting system provides a clean finished look and eliminates the extra cost of an extruded pocket mullion. The bottomrail is fully enclosed with a color compatible bottom bumper designed to prevent marring of the window sill and mullions.

The nominal .0085" thick slats are made of high grade magnesium aluminum alloy which provides superior strength and

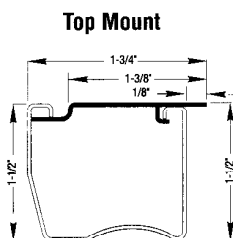
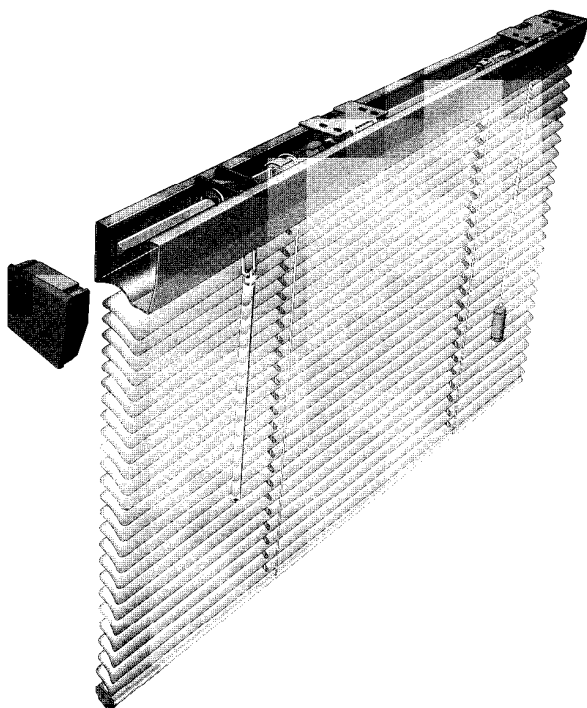
Key Features

- DustGuard™
- Valance-free design
- Concealed mounting system
- Headrail: 1.475" high x 1.625" wide with crowned underside profile
- Enclosed bottomrail with bottom bumper
- Nominal .0085" slat thickness
- 15.7 slats per foot
- Guardian Tilter™, disengaging clutch mechanism
- Lifetime warranty

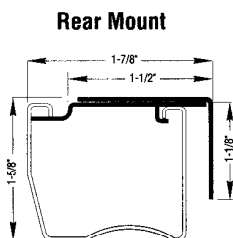
resiliency, guaranteeing a quality look for the life of the blind. The Mark I DustGuard Blind has 15.7 slats per foot to insure tight closure and superior light control. The exclusive Guardian Tilter disengaging clutch mechanism eliminates over rotation of the tilt wand and protects the tilt mechanism against breakage.

The Mark I DustGuard Blind is offered in a large selection of popular colors and options. The SheerView™ perforation option provides a unique see-through feature, reducing solar heat gain up to 42% when compared to a fully opened blind while optimizing the exterior view and maximizing light/glare control.

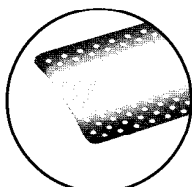
MARK I DUSTGUARD™ 1" BLIND



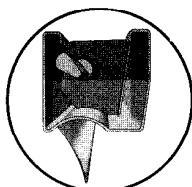
Top Mount



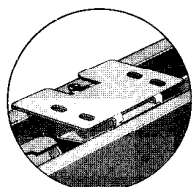
Rear Mount



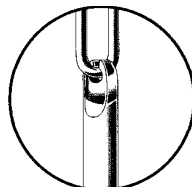
SheerView



Headrail/Top Slat Detail



Mounting Bracket



Wand Connection Detail

Product Specifications

For more detailed specifications, please reference Mark I DustGuard 1" Blind product Guide Specifications.

Part II — Products

- A. Mark I DustGuard 1" (25 mm) Blind manufactured by Levolor
- B. Forever Never Worry™ Warranty
- C. Materials:

- ☐ **Headrail** shall be of .025" thick Tomized, steel, 1.475" high x 1.625" wide, with a crowned underside profile to prevent light leakage. Headrail shall be a valance-free design. All headrail detailing shall be polyethylene. All hardware shall be enclosed in the headrail.
- ☐ **Guardian Tilter** shall be automatically disengaging worm and gear mechanism to eliminate overdrive.
- ☐ **Tilt Wand** shall be solid, clear, transparent polymer with round cross section of 5/16" diameter. The tilt wand mechanism shall exit the bottom of the headrail via a U-shaped black or bright metal-plated steel link.
- ☐ **Drums and Cradles** shall be of Tomized steel and drums shall contain acetal polymer bushings to reduce friction.
- ☐ **Installation Brackets** shall consist of two interconnecting pieces. One of the pieces is designed for ceiling mount applications and shall be completely concealed within the headrail. A second piece interconnects with the ceiling mount piece to convert the bracket for use in wall mount applications.
- ☐ **Ladders** (slat supports): Distance between slats shall not exceed 19.6 mm (nominally 15.7 slats per vertical foot).
- ☐ **Slats** shall be of 5000 series magnesium aluminum alloy only, not to include reprocessed metals. Slats shall be nominally 1" wide and .0075" ± .0003" thick (prior to coating); after coating, the thickness of the slats shall be nominally .0085".

Coating includes **DustGuard**, a patent pending paint process which disrupts the natural static attraction of airborne dust particles, reducing dust build up on the slat from 50–70 percent. (Note: Certain Mark I finishes may not be available with the DustGuard feature. Please confirm selection with DustGuard color list.)

Slats shall be (select one):

- a. Unperforated.
- b. Pinlight Magic,.
- c. SheerView Perforated—Slats shall be perforated with a staggered pattern of .020" diameter holes, nominally 177 per inch of slat length. Slats shall have an openness factor of 6%.
- ☐ **Bottomrail** shall be fully enclosed with color compatible flexible PVC bottom bumper and polyethylene end caps.
- ☐ **Options** shall include:
 - a. Top-Lok Cord Lock
 - b. Restrictive Cam Tilter
 - c. Hold Down Brackets
 - d. Multiple Blinds on one Headrail

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Greensboro, NC 27409

Contract Customer Service

Eastern:
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Rockaway, New Jersey 07866
1-800-826-8021

Western:
12052 Industry Street
Garden Grove, California 92645
1-800-221-6803

DSC14041B

MARK I DUSTGUARD™ 1" BLIND

Top quality 1" horizontal aluminum window covering for non-pocket commercial applications.

PART I— GENERAL

1.01 SCOPE

- A. Furnish and install Levolor blinds, provided by Levolor, 7614 Business Park Drive, Greensboro, NC 27409, in accordance with specifications, drawings, and contract documents.
- B. Related work specified elsewhere.

1.02 QUALITY ASSURANCE

- A. Installer's qualifications:
 1. The installer shall be a firm approved by Levolor.
 2. The installer shall be qualified to install the product specified, as demonstrated by prior experience. Incorrect installation may void warranty.

1.03 SUBMITTALS

- A. Product information: Submit Levolor's product literature and installation instructions.
- B. Shop drawings: Indicate field-measured dimensions of openings which are to receive blinds, details of mounting surface and sill conditions, and details of corners and conditions between adjacent blinds.
- C. Color samples: Submit a sample of each type and color of material specified.

1.04 DELIVERY, STORAGE, AND HANDLING

- A. Packing and Shipping:
 1. Materials shall be delivered to the Project in Levolor's original unopened packaging with labels intact.
- B. Storage:
 1. Materials shall be stored in a clean area which is free of corrosive fumes, dust, and away from construction activities.
 2. Materials shall be stacked horizontally using plastic or wood shims such that drainage and ventilation are provided for, and such that water cannot accumulate in, about, or upon the containers.
 3. Stacks shall be covered with tarpaulins or plastic such that ventilation is provided

for, and such that contaminants are prevented from contacting surfaces.

1.05 PROJECT/SITE CONDITIONS (BEFORE PRODUCT INSTALLATION BEGINS)

- A. Roof must be tight, windows and frames installed and glazed, and interior doors hung.
- B. Wet work including concrete, masonry plaster, stucco, terrazzo, sheetrock, spackling, and taping (including sanding) shall be complete and dry.
- C. Ceilings, window pockets, electrical, and mechanical work above the product shall be complete.
- D. Electrical power (110 volt AC) shall be available for installer's tools within 500 ft. of product installation areas.

1.06 WARRANTY

- A. Forever Never Worry™ Warranty: Levolor shall repair or replace for the life of the blind, at its option, without charge, any part found defective in workmanship or material as long as the blind remains in the same window for which it was purchased.

PART II — PRODUCTS

2.01 MANUFACTURER AND PRODUCT DESCRIPTION

- A. Acceptable product: Riviera Mark I DustGuard 1" (25 mm) blind manufactured by Levolor.
- B. Materials:
 1. Headrail shall be of .025" thick Tomized® steel, 1.475" high x 1.625" wide, with a crowned underside profile to prevent light leakage. Headrail shall be a valance-free design and shall be coated with a baked-on finish. All headrail detailing shall be high-density polyethylene. All hardware shall be enclosed in the headrail.
 2. Guardian Tilter™ mechanism shall be of a .042" thick Tomized steel housing with a self-lubricating nylon, automatically disengaging worm and gear mechanism to provide maximum closure, eliminate overdrive, and prevent strain or damage to blind.
 3. Tilt Wand shall be solid, clear, transparent polymer with round cross section of 3/16" diameter. The tilt wand mechanism shall exit

the bottom of the headrail via a U-shaped black or bright metal-plated steel link. The tilt wand end contains a split eye machining detail which facilitates attachment and removal of the wand from the headrail.

4. Cord Lock shall be of .042" thick Tomized steel and shall be securely attached to headrail. It shall be crash proof with sufficient sensitivity to lock slats at desired height upon release of cords.

5. Drum and Cradle shall be provided for each ladder.

- a. Drums shall be of .031" thick Tomized steel having two holes with rolled edges to anchor barbs of both ladder ends.

- b. Cradles shall be of .042" thick Tomized steel having three holes with rolled edges to guide cords through bottom of headrail without abrasion. They shall provide bearing support for the tilt rod, thus preventing the weight of the blind from being transferred to the tilter. Cradles shall center drums over the ladder openings.

- c. Drums shall contain acetal polymer bushings which serve as bearing surfaces between the Drum and Cradle to reduce friction and provide smooth operation through the full range of slat tilt angles.

6. Tilt rod shall be designed to achieve a torsional deflection limit of ≤6 degrees per 30" length with an applied torque of one foot-pound. A U-shaped tilt rod with a circular radius of approximately 0.125" is used for average blind sizes and lengths. For blinds over 60" wide and under 80" long, or over 55" wide and over 80" long, tilt rod shall be solid D-shaped with an average cross section of 0.28".

7. Installation brackets shall be a combination of 0.048" and 0.036" thick tempered and electroplated steel designed to minimize light gaps. A spring mechanism provides pre-load engagement with the headrail. Brackets shall consist of two interconnecting pieces. One of the pieces is designed for ceiling mount applications and shall be completely concealed within the headrail. A second piece interconnects with the ceiling mount piece to convert the bracket for use in wall mount applications. Both are supplied with each blind in the case of OB installations. Six polymeric shims are supplied with each blind to assist in installations involving uneven surfaces.

8. Intermediate brackets shall be of the same design as installation brackets. They shall be installed with blinds over 60" wide and under 80" long, or over 55" wide and over 80" long. Intermediate brackets will be supplied as required.

9. Ladders (slat supports) shall be braided polyester yarn dyed to Levolor color standards. The two vertical components shall be .076" x .038" designed for maximum flexibility combined with minimum stretch and tensile strength of not less than 50 lbs. per cable. Horizontal components (rungs) shall consist of not less than two crossed cables inter-braided with the vertical components. Ladders shall support the slats without visible distortion. Distance between slats shall not exceed 19.6 mm (nominally 15.7 slats per vertical foot). Distance between ladders shall not exceed 23" for blinds up to 80" long. For blinds over 80" long, distance between ladders shall not be greater than 22". Distance between end ladder and end of slat shall not exceed 7".

10. Slat shall be of 5000 series magnesium aluminum alloy only, not to include reprocessed metals. Aluminum alloy shall be tempered to optimize tensile and yield strength for superior slat strength, resiliency, and corrosion resistance. Slat shall be nominally 1" wide and .0075 ± .0003" thick (prior to coating); after coating the thickness of the slats shall be nominally .0085". Slat shall have a baked-on coating thickness of .8 mil to 1.5 mil. Unperforated slats shall perform to 500 hours of 100% relative humidity testing, 300 hours of 5% salt spray solution at 95 degree F testing, and 250 hours of accelerated weathering testing without blistering, fading, corroding, or adhesive failure. Slat thickness and ladder support distances shall prevent visible sag or bow after continued use indoors.

DustGuard feature is a permanent, patent pending paint process that disrupts the natural static attraction of airborne dust particles, reducing dust build up by 50-70 percent. (NOTE: Certain Mark I finishes may not be available with the DustGuard feature. Please confirm selection with DustGuard color list.)

Slats shall be (select one):

- a. Unperforated.
- b. Pinlight Magic®—Slats shall be perforated with a pattern of randomly spaced .039" diameter holes, nominally 13 per inch of slat length. Slats shall have an openness factor of 1.5%.
- c. SheerView® Perforated—Slats shall be perforated with a staggered pattern of .020" diameter holes, nominally 177

per inch of slat length. Slats shall have an openness factor of 6%.

11. Bottomrail shall be of 0.029" thick Tomized steel and shall be fully enclosed with color compatible flexible PVC bottom bumper and high-density polyethylene end caps designed to prevent bottomrail from marring window sill and/or mullions. End caps shall provide hold-down capability designed to prevent bottom bar sway on doors or in windy exposures.

12. Lift Cord shall be braided of high strength, 1.4 mm dia. polyester fiber with a high tenacity polyester core, 34 picks per inch, 16 carrier smooth braids, and shall be flexible, have minimum stretch, maximum abrasion resistance characteristics, and a minimum breaking strength of 130 lbs. Cord shall be of sufficient length equalized to properly control raising and lowering of blind and spaced not over 46" between cords.

13. Lift Cord Tassel shall allow for field adjustment of lift cord length.

14. Color of blind shall be selected from over 110 Mark I standard solid colors, Tiltone® colors, specialty colors, or standard metallic slat finishes and complementary standard accessory finishes. DustGuard feature is not available on all colors.

15. Options shall include:

- a. Cutouts
- b. Extension Plates
- c. Hold Down Brackets
- d. Multiple Blinds on One Headrail
- e. Multi-Colored Striping
- f. Restrictive Cam Tilter
- g. Ring Pull
- h. Telescopic or Non-Telescopic Tilter Pole
- i. Top-Lok® Cord Lock
- j. Universal Ring Tilter

PART III — EXECUTION

3.01 INSPECTION

- A. Window treatment subcontractor shall be responsible for inspection of site, field measurements, and approval of mounting surfaces and installation conditions.
- B. Subcontractor shall verify that site is free of conditions that interfere with blind installation and operation, and shall begin installation only when any unsatisfactory conditions have been rectified.

3.02 INSTALLATION

- A. Installation shall comply with Levolor specifications, standards, and procedures.

- B. Provide support brackets as per Levolor's installation instructions.
- C. See installation instructions packaged with blinds for more installation details.
- D. Provide adequate clearance to permit unencumbered operation of blind and hardware.
- E. Demonstrate blinds to be in uniform and smooth working order.

3.03 CLEANING

- A. Clean soiled blinds with a mild soap solution only. Do not use cleaning methods involving heat, bleach, abrasives, or solvents. Do not use window cleaner or cloths with paper content.
- B. Ensure proper drying following cleaning by providing adequate ventilation



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