

ALUMINUM LEXAN ROLLING GRILLES MODEL: ALEX

Guaranteed Quality Since 1973

BASIC INFORMATION

MADE IN THE USA



QUALITY

KRDOORS, INC. sources the highest quality materials and exacts superior workmanship in order to provide an unbeatable combination of durability and efficiency with the most simplistic operation. Our success has been built on the consistency in which we provide dependable quality products.

TYPES OF OPERATIONS

KRD offers a wide range of operation options to suit your specific needs. Those available include; hand chain, manual push-up, hand crank, and motor operated doors.

CURTAIN

A combination of Lexan polycarbonate/resin sheets and aluminum extruded panels (6063-T6) arranged for 100% coverage of the curtain. 1/8" Lexan panels with 2" intermediate aluminum panels at 1/8" are inserted into continuous horizontal extruded hinge sections, allowing a full 48" x 2 1/2" unobstructed view between panels. Our Aluminum extruded horizontal rib design, of 1/2" x 1 1/2", exceeds industry standard.

GUIDES

Guides consist of 2 1/2" extruded aluminum (6063-T6) 2 1/2". The guides attached to structural steel angles or roll formed galvanized (G-90) steel angles; by structural steel support tubes.

BARREL

KRD offers 4 1/2" minimum diameter barrels engineered to deflect not more than .03" per foot of width. Torsion spring assembly consists of oil-tempered, helical torsion springs, grease packed and mounted on a continuous steel torsion shaft to counter balance the weight of the curtain.

DESIGNED FOR MAXIMUM SPACE SAVING

The upward coiling action of KRDOORS minimizes the space required for door operation. When fully open the door will not inhibit wall space, use additional overhead area, or interfere with the interior of the building.

INSTALLATION

KRD products have been specifically engineered to ensure ease of installation without the need for special equipment. KRD offers continuous mounting angle construction along with fully assembled door curtains, counter-balance assemblies and other components which will significantly reduce installation time and expensive field labor. Full installation instructions and attachment hardware are furnished with each door.



Residential Applications



Storefront Applications



Office Applications

SAFETY, SAFETY, SAFETY



PROUD MEMBERS



A True Manufacturer of Rolling Steel and Aluminum Products

Since 1973

www.krdoors.com

CA Lic. # 711394

8623 S. Mettler Avenue ■ Los Angeles ■ CA ■ 90003 ■ T: 1.877.883.6677 ■ F: 323.778.6339

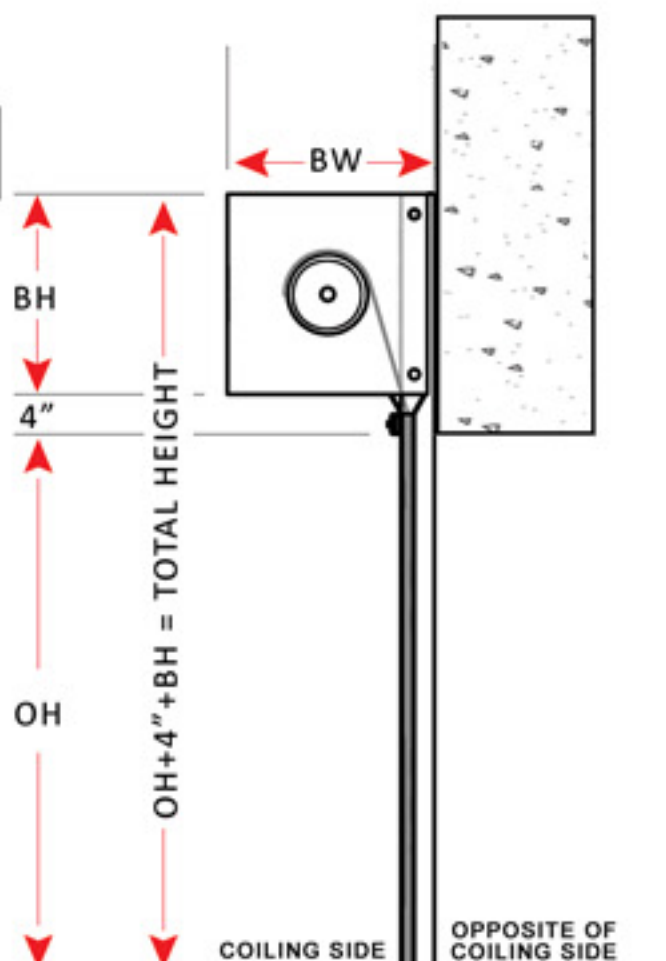
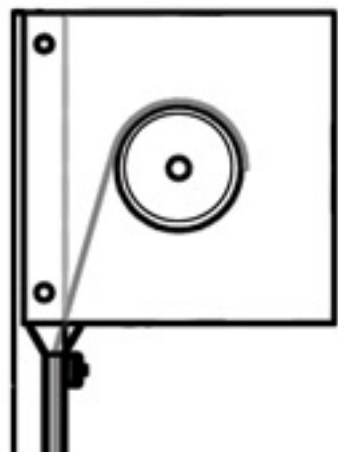
MODEL: ALEX KRD ALUMINUM LEXAN ROLLING GRILLE



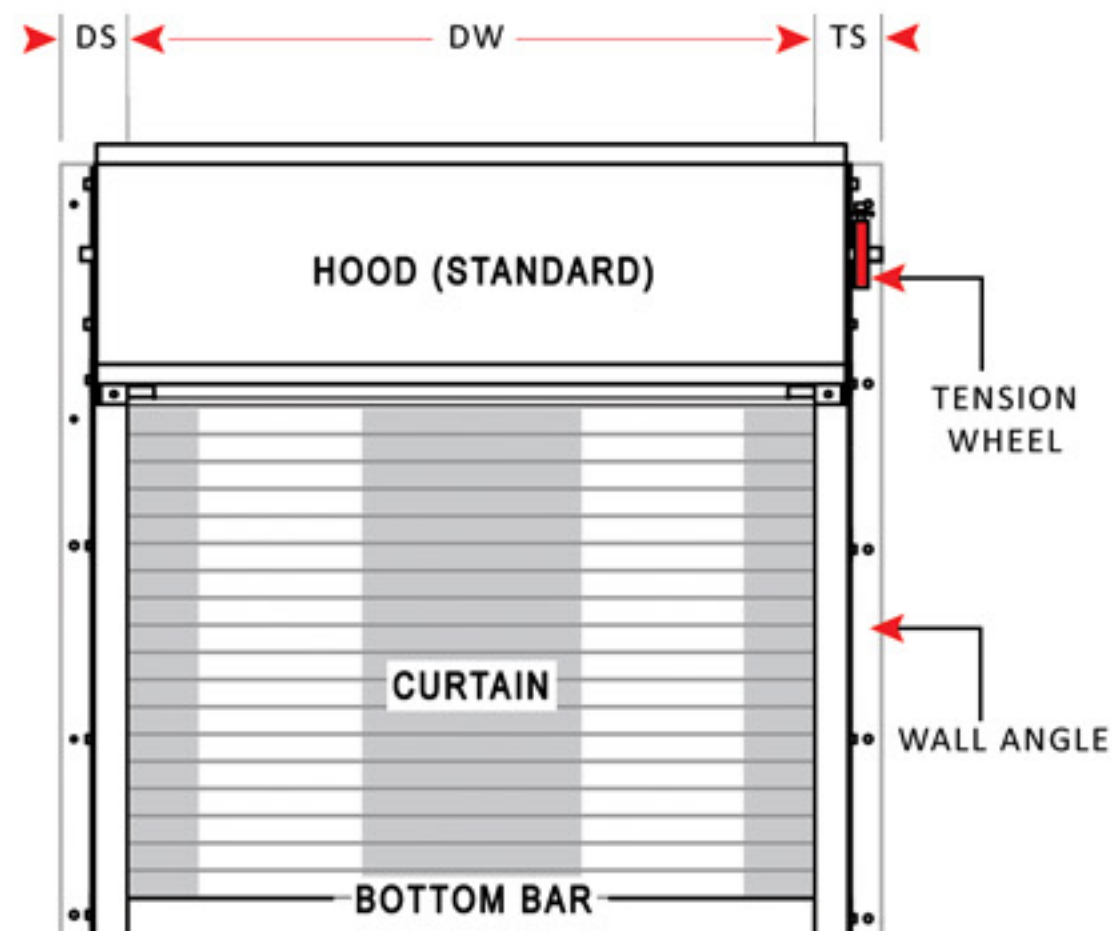
CLEARANCES

BRACKET PLATE

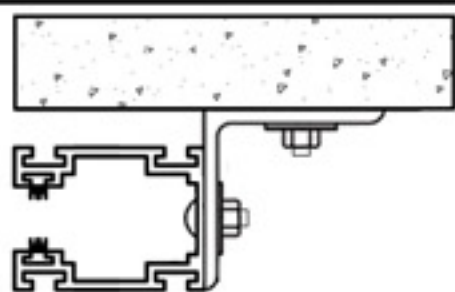
HEIGHT	BRACKET HEIGHT
3-6ft.	10"
7-10ft.	12"
11-14ft.	14"
15-20ft.	16"



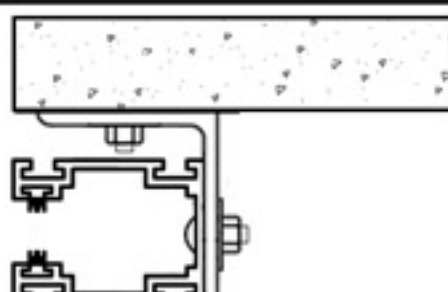
MANUAL PUSH-UP
OPERATION
(Maximum of 80 Sq./Ft.)



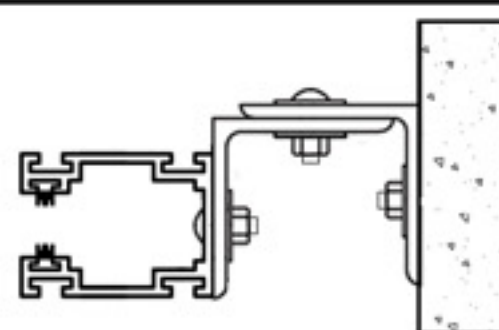
GUIDE DETAIL



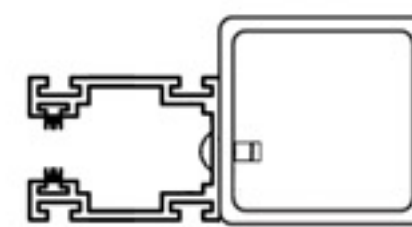
"Z" GUIDE MOUNT



"E" GUIDE MOUNT



BETWEEN JAMB (ANGLE)



TUBE MOUNT

OPERATIONS

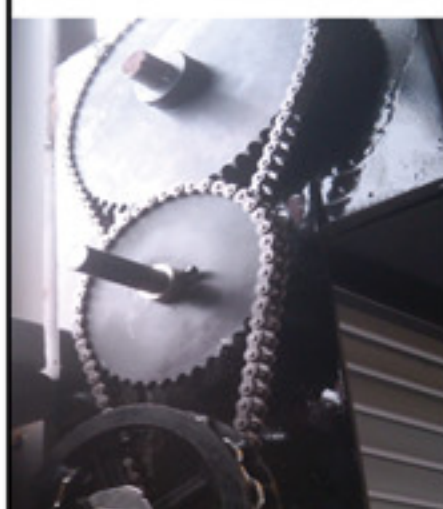
STANDARD DUTY



MEDIUM DUTY



HEAVY DUTY



ALUMINUM

Curtain, guides, bottom track, door stops shall be aluminum mill finish.

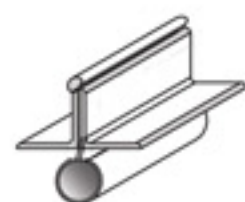
STEEL

Bracket plates, support tubes and barrel shall be painted black or grey primer. Tension wheels shall be painted red. Custom colors are available upon request, please contact factory for pricing details.

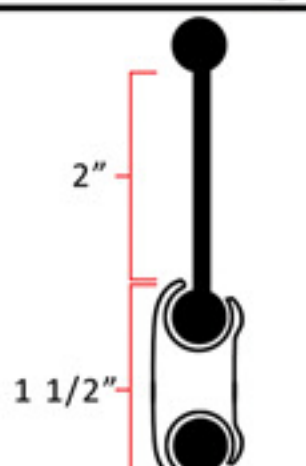
We proudly use **TIGERcolor** visit www.krdoors.com for our color charts.

FINISHES

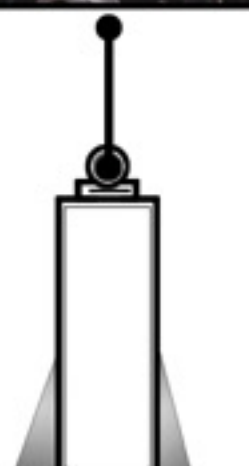
DETAILS



Double Angle
w/ Bulb Astragal



Curtain Detail
(Side Profile)



Aluminum Extruded
Bottom Bar

GENERAL NOTES

Clearances are based upon standard door construction. Reduced clearances are available. Some options may require additional clearance. Architectural drawings for specific applications are available upon request. If seeking information that is not on this media, please consult factory so that we can better assist your needs.

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DISTRIBUTED BY:



KRDOORS, INC. SINCE 1973

ACCESSORIES



Remote Controls



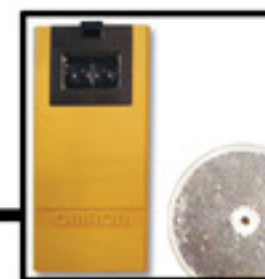
Tamper Proof Key Switch



Push Button Station



Emergency Egress



Safety Eyes



Wireless Entry



ALUMINUM LEXAN ROLLING GRILLE

MODEL: ALEX

8623 S. Mettler Avenue ■ Los Angeles ■ CA ■ 90003

Toll Free: 877.883.6677 ■ Local: 323.778.6363 ■ Fax: 323.778.6339

MANUFACTURER SPECIFICATIONS: 08332 – Overhead Coiling Grilles

Part 1 - GENERAL

1. Aluminum Rolling Lexan "ALEX" Door Model: as manufactured by KRDOORS, INC., California.
2. Quality Assurance:
 - a. Design all rolling service doors to withstand cycle life of 10,000 / 20,000 / 50,000 / 100,000 cycles.

OPERATION

1. Types of Operation:
 - a. Hand Chain: recommended for service doors over 10'0" wide and/or 8'0" high.
 - b. Push-up: not recommended for service doors over 80 sqft. (e.g 10'0" W x 8'0" H)
 - c. Manual Hand Crank (Optional): provided by means of a gear reduction.
 - d. Motor operator (Optional): Lift-Master/Manaras jack-shaft type electric operator UL325 compliant.
2. Mounting Options:
 - a. Face-Mount: fastened to the face of the wall opening-standard.
 - b. Between-Jamb Mounting: fastened between the jambs of the wall opening (optional).
 - c. Drive Side: for hand-chain, hand-crank or motor operated service doors, the drive oriented for left-hand or right hand use facing the reference side of the door (side with exposed barrel assembly or hood).
3. RELATED WORK:
 - a. Opening preparation, access panels, finish or field painting is in the scope of the work of other sections or trades.

Part 2 – PRODUCT

CURTAIN

1. Material:
 - a. Alex Pattern: a combination of Lexan polycarbonate/resin sheets and aluminum extruded panels (6063-T6) arranged for 100% coverage of the curtain. 1/8" Lexan panels with 2" intermediate aluminum panels at 1/8" are inserted into continuous horizontal extruded hinge sections, allowing a full 48" x 2 1/2" unobstructed view between panels. Our Aluminum extruded horizontal rib design, of 1/2" x 1 1/2", exceeds industry standard.
2. Finish: all non-plated components of the door shall receive one coat of rust-inhibitive primer.
 - a. Mill-finished aluminum (Standard)
 - b. Bronze Anodized
 - b. Clear Anodized
3. Bottom Bar: bottom of curtain is reinforced with extruded aluminum tubular bottom bar 5". Available in:
 - a. Mill-finish aluminum (standard)
 - b. Bronze Anodized
 - c. Clear Anodized

GUIDES

1. Guide Assemblies: guides consist of 2 ½" extruded aluminum (6063-T6) 2 ½". The guides attached to structural steel angles or roll formed galvanized (G-90) steel angles; by structural steel support tubes. Guides available in:
 - a. Mill-finish aluminum (standard)
 - b. Bronze Anodized
 - c. Clear Anodized
2. Wear Strips: guides are furnished with wool pile wear strips to prevent premature wear and reduce noise.
3. Jamb Construction- mounting options:
 - a. Steel Jambs: supplied with self-tapping fasteners
 - b. Wood Jambs: supplied with lag bolt fasteners
 - c. Masonry Jambs: supplied with anchor bolt fasteners
 - d. Non-masonry Jambs: for jambs consisting of drywall or plaster

COUNTERBALANCE SYSTEM

1. Headplates : headplate brackets are made from 3/16" or ¼" steel plates attached to the wall angle of the guide assembly with ½" diameter bolts. The drive bracket is fitted with a sealed self-aligning ball bearing. Head plates receive one coat of rust-inhibitive primer.
2. Barrel: the barrel will be made from a minimum 4 ½" O.D. x .120" wall structural steel pipe. Deflection of pipe under full load shall not exceed .03" per foot of span.
3. Counterbalance: the curtain shall be counterbalanced by torsion.
 - a. Torsion Spring Assembly: oil-tempered, helical torsion springs are, grease packed and mounted on a continuous steel torsion shaft.

HOUSING COVER

1. Hood: rolling service doors may be furnished with a hood enclosure, as follows:
 - a. Round Hood: enclosures are comprised of 24 gage galvanized steel. (Aluminum optional)
 - B. Square Hood: enclosures are comprised of 24 gage galvanized steel. (Aluminum optional)

LOCKING HARDWARE

1. Lock- rolling service doors may be provided with lock. Optional, as follows:
 - a. Cylinder Locking: with T-Turn Handle, inside and outside (motor operated doors require a model DH Lift-Master operator in conjunction with the locking mechanism).
 - b. Bottom Slide Locks: bottom galvanized slide locking device (padlock by others) for use with push-up, hand chain, and hand -crank operated doors (motor operated doors require a model DH Lift-Master operator in conjunction with slide locks).
 - c. Hand Chain Lock: provided for doors operated with hand chain (padlock by others).

PART 3 – EXECUTION

1. Installation: to be by authorized representative according to KRDOORS, Inc. standards and instructions.
2. Warranty- provide manufacturer's 1 year warranty from the time of shipment against defects in workmanship and materials.