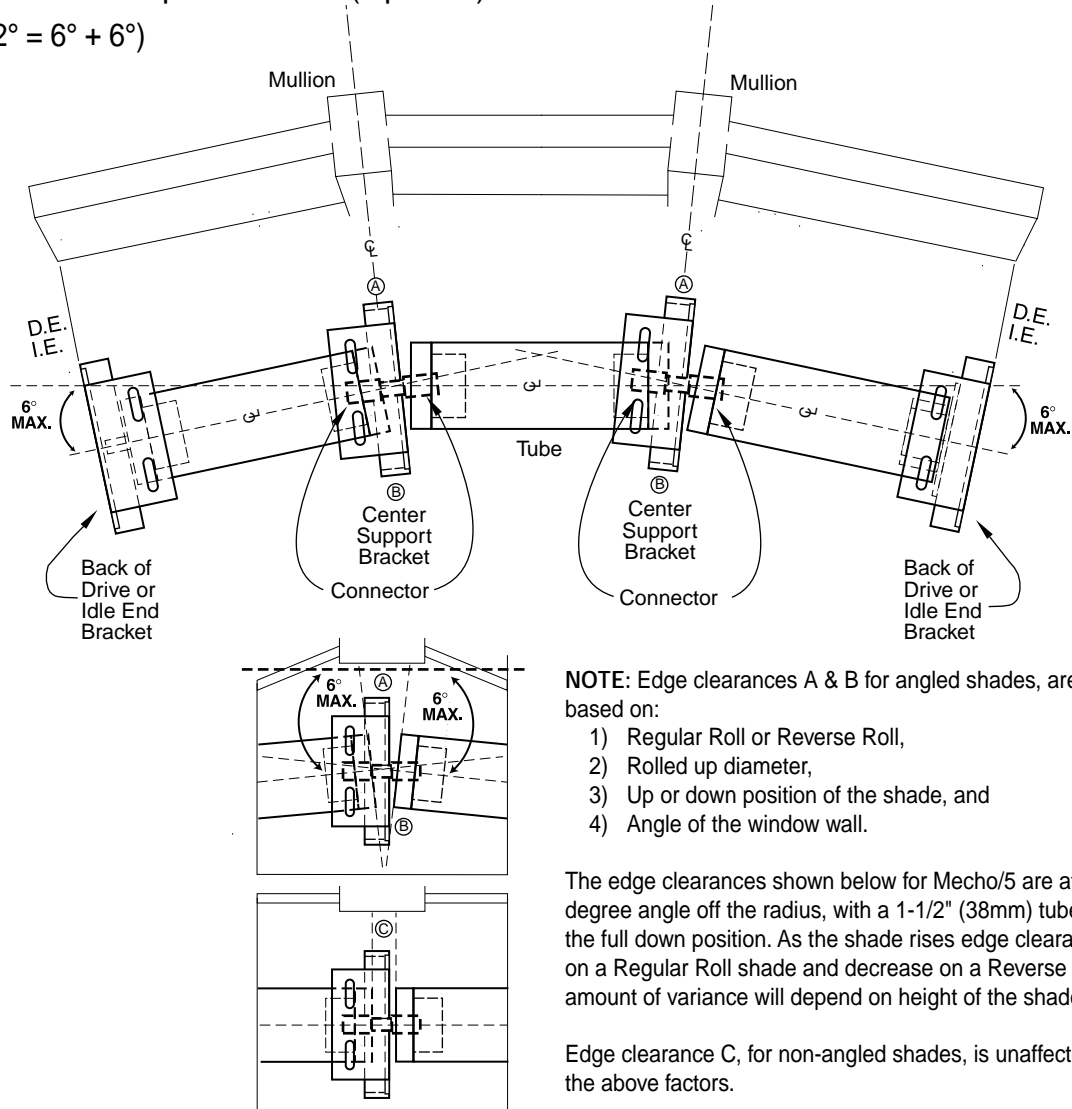


MechoShade® <12° Radius Center Support

With or without SnapLoc® Fascia (Optional).

(Up to 12° = 6° + 6°)



The following < 12° Radius Center Support applications use the standard MechoShade® brackets, tube connector and tube plugs.

< 12° Center Support Bracket model	Center Support Edge Clearances			Maximum Roll Up Diameter
	(A)	(B)	(C)	
Mecho®/5 Wide	3/4" (19mm)	7/16" (11mm)	5/8" (16mm)	2-3/4" (60mm) with or without fascia
Mecho/5 Pocket	3/4" (19mm)	7/16" (11mm)	5/8" (16mm)	4" (102mm) No fascia
Mecho/5 Extended	3/4" (19mm)	7/16" (11mm)	5/8" (16mm)	3-7/16" (87mm) with fascia
	3/4" (19mm)	7/16" (11mm)	5/8" (16mm)	5" (127mm) without fascia
Mecho SlimLine™	3/4" (19mm)	7/16" (11mm)	5/8" (16mm)	2-1/4" (57mm) with fascia
	3/4" (19mm)	7/16" (11mm)	5/8" (16mm)	2-3/4" (60mm) without fascia

Not available for DoubleShade brackets.
Call for shop drawings.

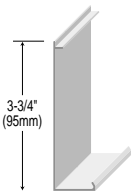
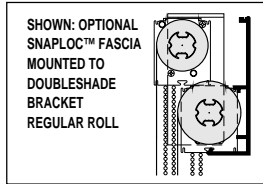
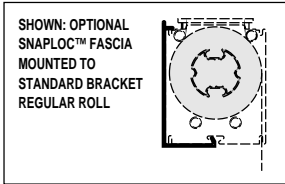
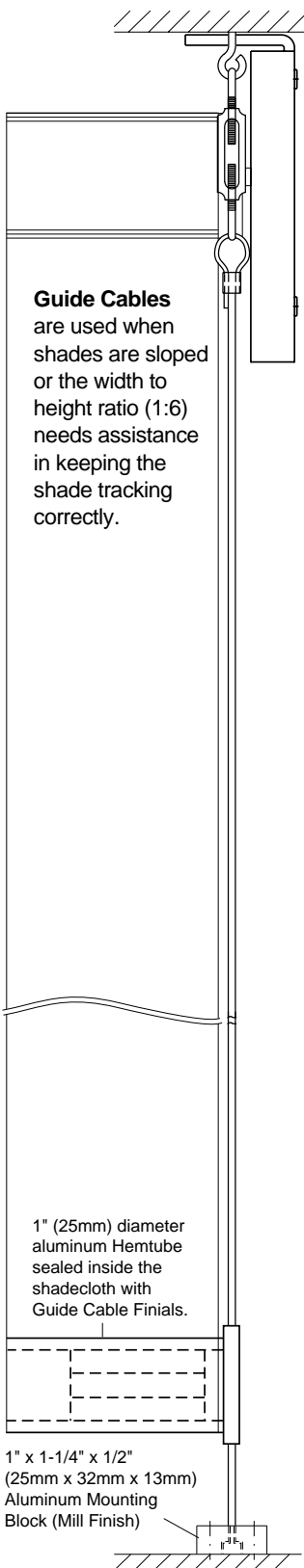
MechoShade Systems, Inc.
42-03 35th Street, Long Island City, NY 11101
Telephone: 718-729-2020
Fax: 718-729-2941 / 800-899-8081

E-mail: info@mechoshade.com
Internet Web Site: <http://www.mechoshade.com>

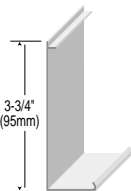
2.15
MS2200 - 6/104



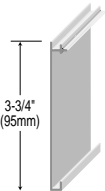
Other MechoShade® Components & Optional Accessories



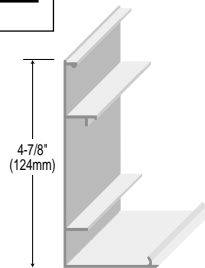
FASCIA FOR SLIMLINE BRACKETS REGULAR ROLL
MFAA SL15 AL __



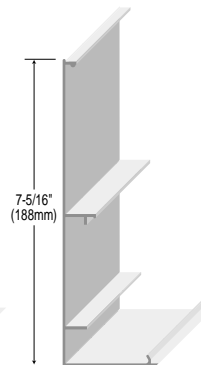
FASCIA FOR STANDARD BRACKETS & DOUBLESHADE #10 BRACKETS REGULAR ROLL
MFAA RG15 AL __



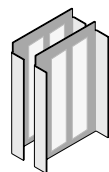
FASCIA FOR STANDARD BRACKETS REVERSE ROLL
MFAA RR15 AL __



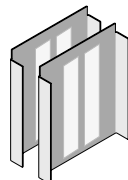
FASCIA FOR EXTENDED BRACKETS REGULAR ROLL
UFAA 4715 AL __



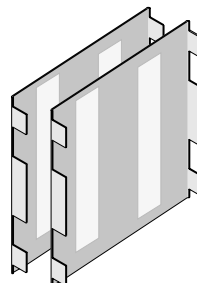
FASCIA FOR DOUBLESHADE #15 BRACKETS REGULAR ROLL
UFAA 7321 AL __



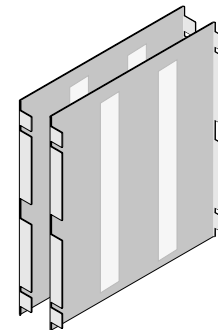
SLIMLINE FASCIA END CAPS (PAIRS)
MFCA 2336 AL __



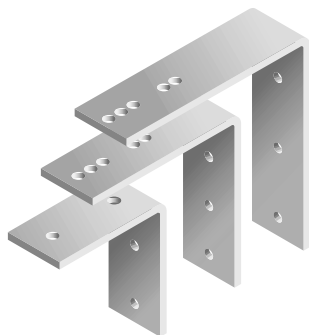
MECHO/5 OR 3 WIDE FASCIA END CAPS (PAIRS)
MFCA 3036 AL __



MECHO/5 OR 3 EXTENDED FASCIA END CAPS (PAIRS)
MFCA 3346 AL __



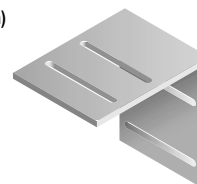
MECHO DOUBLESHADES #15 FASCIA END CAPS (PAIRS)
MFCA 3070 AL __



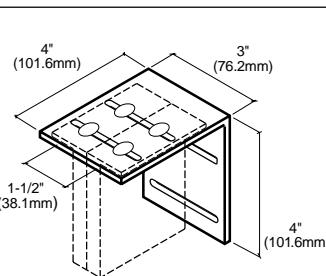
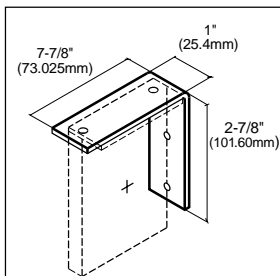
SINGLE WALL-MOUNT ANGLE
5" x 5" x 1-1/4" (127 x 127 x 32 mm)
FOR EXTENDED & DOUBLESHADE #15 BRACKETS
UWBX 5050 ST PL

SINGLE WALL-MOUNT ANGLE
4" x 4" x 1-1/4" (102 x 102 x 32 mm)
FOR SLIMLINE, WIDE, POCKET & EXTENDED BRACKETS
EWBX 4040 ST ZP

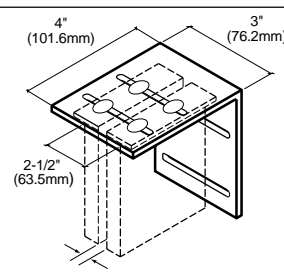
SINGLE WALL-MOUNT ANGLE
2-7/8" x 2-7/8" (73 x 73 mm) & FOR SLIMLINE, WIDE, POCKET & EXTENDED BRACKETS
MWBX 2727 ST ZP



DOUBLE WALL-MOUNT ANGLE
4" x 4" x 3" (102 x 102 x 76 mm)
FOR SLIMLINE, WIDE, POCKET & EXTENDED BRACKETS
EWBX 4145 ST ZP



Back-to-Back Brackets



1" (25.40mm) Between Brackets

MechoShade Systems, Inc.
42-03 35th Street, Long Island City, NY 11101
Telephone: 718-729-2020
Fax: 718-729-2941 / 800-899-8081

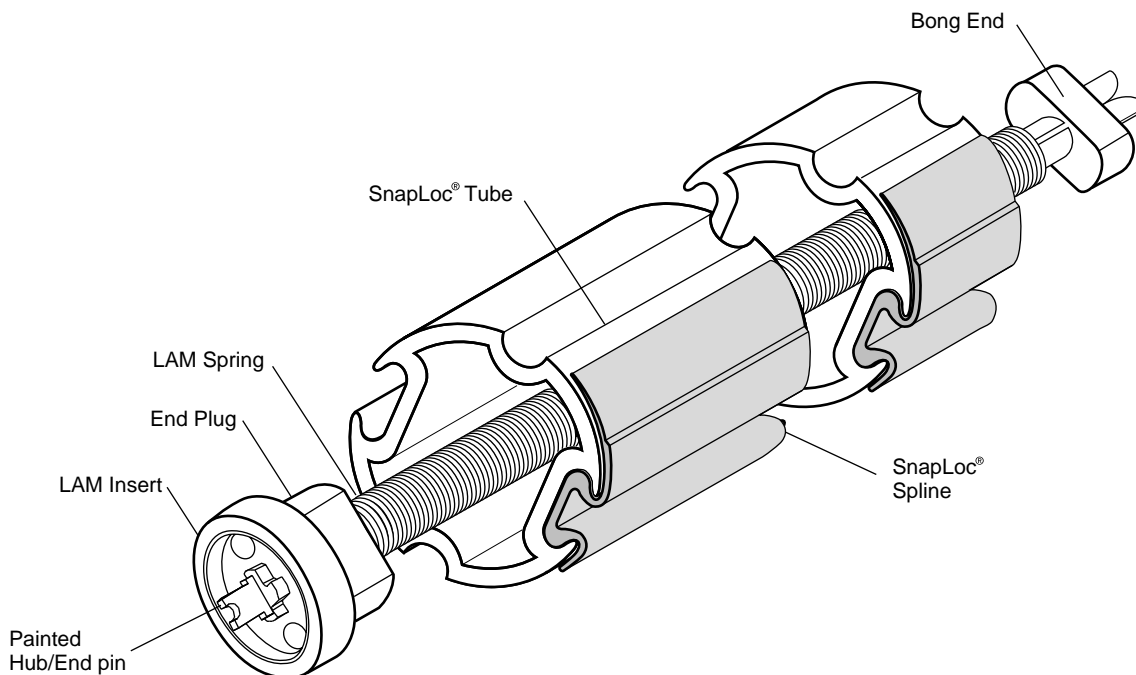
E-mail: info@mechoshade.com
Internet Web Site: <http://www.mechoshade.com>

2.16
MS2200 - 6/104



New, Improved Lift-Assist Mechanism™ (LAM™)

Optional Lift-Assist Mechanism™ for heavy, oversized or multibanded manual shades.



MechoShade®'s optional Lift-Assist Mechanism™ (LAM™) enables users to lift heavy, oversized or multibanded manual shades weighing between 10 and 20 lbs. (4.5 kg and 9.0 kg) or more. In many cases a shade that formerly required motorization can now be lifted with the Lift-Assist Mechanism. The Lift-Assist Mechanism can also provide exceptional lifting capacity for shades less than 10 pounds. An important consideration for the frail or infirmed.

The LAM system is comprised of a spring assembly inside the shade tube and one of a wide range of LAM idle-end brackets designed to wind the spring in the proper direction for regular or reverse roll for both right-hand or left-hand drive. LAM's are available for the Mecho®/5 in Wide, Pocket and Extended sizes and the Mecho® SlimLine™ Bracket.



The MechoShade® Return Air “No Cost Pocket”™”

“No Cost Pocket”™”

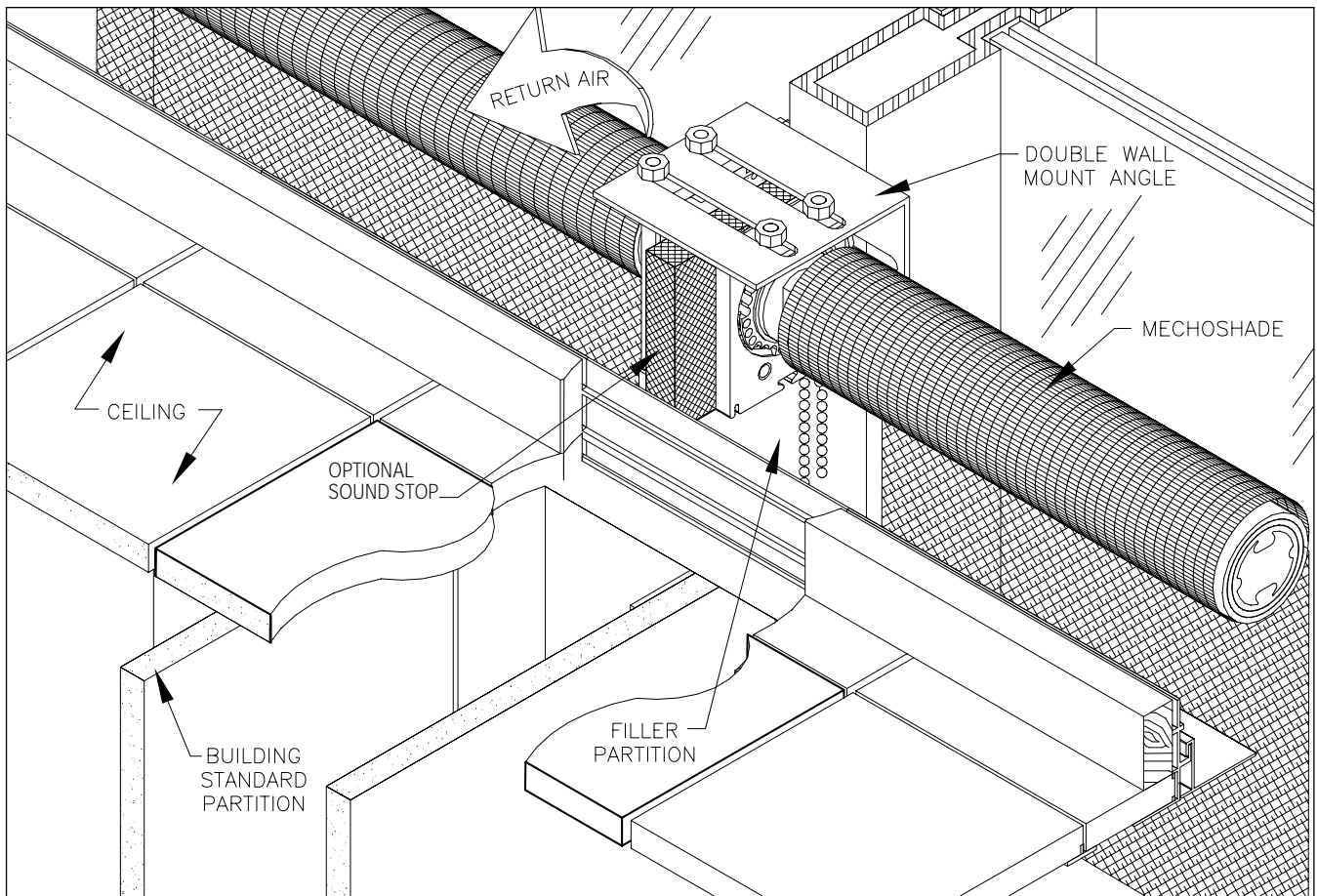
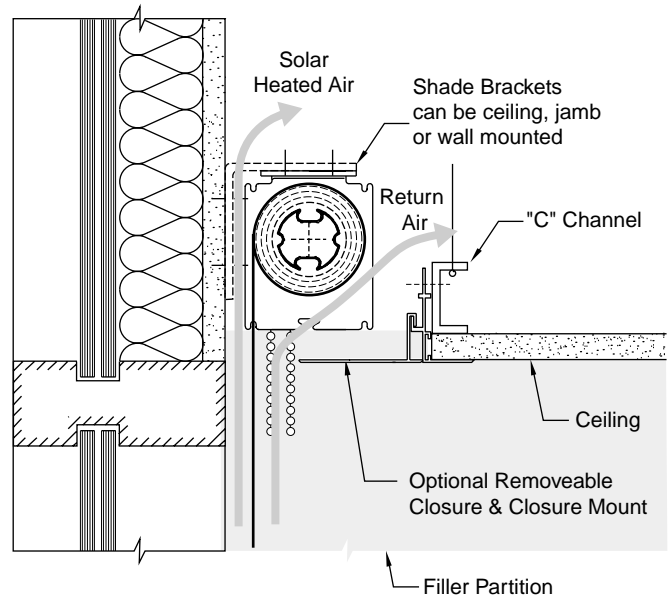
A “No Cost Pocket” can be made by installing an optional closure and closure mount to blocking just above the ceiling grid. The shade bracket is wall, jamb or ceiling mounted above the opposite window wall.

This diagram is for example only and is not to be used as an installation guide. For proper installation instructions, detailed site specific shop drawings are necessary.

Contact MSS Estimating Department, CAD or Engineering departments to obtain proper shop drawings.

Optional Sound Stop

A 1" (25mm) fiberglass sound stop can be installed between shade brackets above partitions to help reduce noise between work areas.



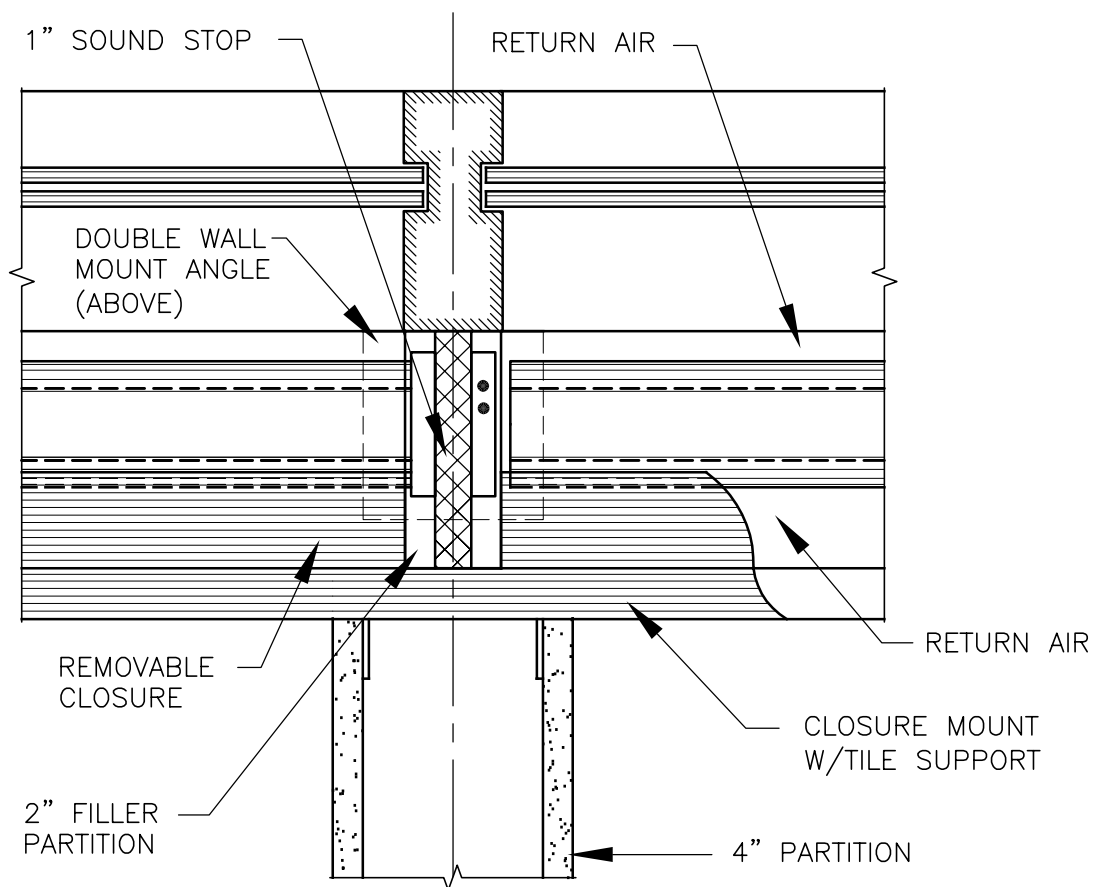
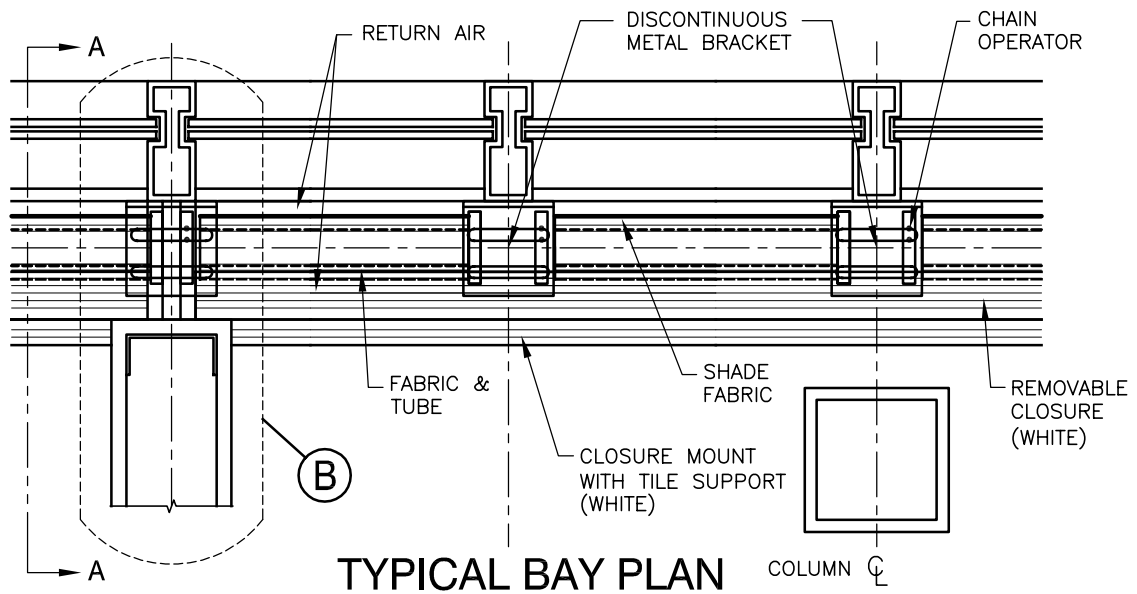
MechoShade Systems, Inc.
42-03 35th Street, Long Island City, NY 11101
Telephone: 718-729-2020
Fax: 718-729-2941 / 800-899-8081

E-mail: info@mechoshade.com
Internet Web Site: www.mechoshade.com

2.18
MS2200 - 6/104



Typical Bay with Building Standard Partitions



PLAN AT PARTITION (B)

MechoShade Systems, Inc.
 42-03 35th Street, Long Island City, NY 11101
 Telephone: 718-729-2020
 Fax: 718-729-2941 / 800-899-8081

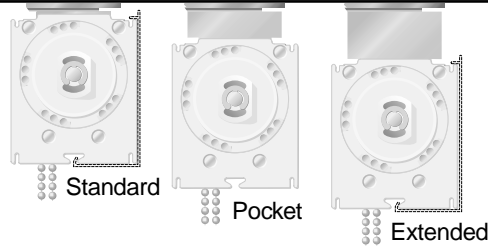
E-mail: info@mechoshade.com
 Internet Web Site: www.mechoshade.com

2.19
 MS200 - 6/104



MechoShade® Hardware Features and Specifications

MECHO®/5



1. **Mounting Brackets**

The drive assembly, idle-end assembly, and center support systems are attached to an 1/8 in. (3mm) steel universal mounting bracket.

2. **No Adjustment Necessary**

Mecho®/5 drive-end bracket requires no adjustment, resulting in faster installations.

3. **Braking**

An overrunning clutch design that disengages to 90% during the raising and lowering of the shade and can withstand a pull force of 40 lbs. (18 kg). Recommended maximum lift shade-band 20 lbs. (9 kg).

4. **Braking Surface:**

The patented self-lubricating oil impregnated steel hub, on which the brake system is mounted, includes an articulated brake assembly which assures smooth, non-jerky operation in raising and lowering the shades.

5. **Sprocket**

A one-piece molded Delrin® chain sprocket.

6. **Hardware**

All hardware is available with a universal offset drive and left-hand or right-hand operations. The offset-drive chain assembly places both operating chains at the same location or to the rear of the shade cloth out of sight. The distance between the center line of the operating chain shall not exceed 1/2 in (13mm).

7. **Tube Support**

A Delrin® cover plate provides protection from the tube being dislocated. In the event the tube should be pushed out of

place, the Delrin end

of the mounting plates contains the tube which may prevent the tube from falling out of the bracket.

8. **Wide Spans**

Depending on the height, weight and shade cloth specified, MechoShades can be made up to 12 feet wide or more. Call your local representative or MechoShade Systems technical support.

9. **Interchange or replacement**

Bracket components can be interchanged or replaced without having to remove the brackets from the walls or ceilings. This feature is included in both inside and outside mountings.

10. **Component Quality**

Plastic components are made of strong, dimensionally stable DuPont Delrin™. Not ABS/polystyrene or nylon.

11. **Bracket Metal**

Support brackets are plated 1/8 in. (3mm) steel. Custom colors are available on special order.

12. **Narrow-Edge Clearances**

Drive-end: 13/16 in. (21mm), idle-end: 1/2 in. (13mm), and center support: 5/16 in. (8mm).

13. **Multi-Band Shade**

A single drive bracket can handle two or more shade bands permitting a single operator to operate the shade, assuring simultaneous alignment of all the bands (within MSS recommended weight limits).

14. **Faceted Window Installations**

The offset drive permits up to a 12-degree (6°+6°) angle between any two shades with a single operator. By special

order only, up to six degrees each side maximum. Contact MechoShade Systems, Inc. for details.

15. **Optional SnapLoc Fascia**

SnapLoc® fascia shall be provided for standard and extended height brackets and center support brackets. Each bracket assembly permits the fascia to extend past the brackets, creating wall-to-wall fascia, with the brackets mounted inboard from the end of the fascia. SnapLoc fascia can be installed as a single unit over two or more shade band assemblies without exposed joints in lengths up to 15 ft. (457cm). SnapLoc fascia snaps on to the brackets without the use of glue, magnetic strips or any exposed fastening.

The fascia is made of extruded aluminum (hardness/alloy 6063T5) with an average thickness of .062 in. (1.6mm). The fascia is finished in PPG Duracon™ baked enamel in six standard colors plus clear aluminum.

16. **Offset-Chain, No-Notch Fascia**

The operating chain drops behind the return edge of the fascia without the necessity of notching or otherwise defacing the return leg of the fascia. The MechoShade® Wide, and Extended brackets accommodate fascia returns no less than 1-1/2 in. (38mm) (50%) from the front of the hardware fully concealing the roll and tube.

17. **Shade Mounting**

The SnapLoc® spline permits positive SnapLoc mounting and demounting of the shade cloth from the tube without having to remove the hardware, the tube or brackets and without the use of two-sided tape, staples or other fasteners.

Continued 



MechoShade® Hardware Features and Specifications

18. Non-Binding Regressed End Plug

The idle-end plug is fitted with a recess which prevents oversized tubes from being forced between brackets. This arrangement assures proper sizing and clearance between the tube and the brackets and minimizes light leaks.

19. End Brackets

Consist of 1/8 in. (3mm) thick sheet steel. Wall, jamb or ceiling mounted as required and permanently installed.

20. Center Support Brackets

For ceiling or wall mounted multibanded shades. Center support brackets shall accept continuous lengths of fascia, which will span two or more MechoShade bands. Minimum length 15 ft. (457cm).

21. Hembar Weights

Mill-finished aluminum bars in single lengths as appropriate for the size shade, concealed in a fabric hem pocket.

22. Optional Exposed Hembars

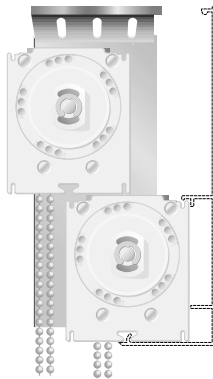
In painted and baked PPG finishes with key way for shades.

23. DualShade® System:

The patented DualShade system, by MechoShade Systems, Inc., for installing both a ThermoVeil® sun screen together with either a room darkening shade cloth or MirroFilm™ attached to the same roller tube by means of the SnapLoc spline. The shade cloth and film shall be separated by 1/2 in. (13mm) of insulating air space.

24. DoubleShades®

A master mounting bracket assembly for drive-end, idle-end and center



MECHO® SLIMLINE

SlimLine™ is available in the Mecho/3 design and shares all the features of the Mecho/5 except for the following:

1. Mounting Brackets

At 2-3/8 in. (60mm)W X 3-3/4 in. (95mm) H, the drive-end, idle-end and center supports become the smallest heavy-duty system available.

2. Variable Adjustment

Adjustments can be made in the dynamic mode (free-falling adjustment) or in the static mode (infinite-stop adjustment).

3. Braking

A linear disc brake, as opposed to a flat-steel backing plate, consists of a compression spring with two friction-absorbing nylon washers on a 1/4 in. (6mm) steel shaft. This design provides continuous uniform compensating brake pressure on the one-piece



sprocket-brake drive component. The compression spring also acts as a vibration absorber.

3.1. Non-Slip Disc-Brake Adjustment

A shake-proof steel and nylon vibration resistant locking nut is employed to maintain the desired braking friction. Once the desired brake force is applied, the adjustment nut will not require readjustment when slippage of the adjustment nut from vibration and weakening of the braking surfaces occur. The concealed brake-tension adjustment is not accessible to unauthorized personnel.

4. Braking Surface

The linear disc-brake system utilizes a minimum of 2.89 sq. in. of braking surface.

12. Narrow-Edge Clearances

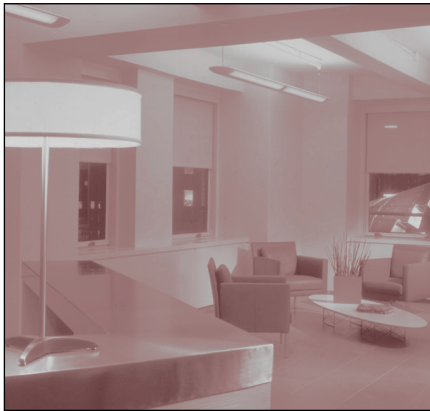
Drive-end: 11/16 in. (17mm), idle-end: 1/2 in. (13mm), and center support: 5/16 in. (8mm).

supports to facilitate installation of two shades, front-to-back or top and bottom, with perfect alignment and minimum installation labor. DoubleShade® brackets have all the same features of the standard Mecho/5 bracket, plus allow both sun screen and blackout shades on a single bracket. DoubleShade's compact size allow two shades to fit in a smaller room projection than two individually installed shades on the same window.

25. Warranty

Failure of any part or component shall be replaced at no charge, subject to warranty conditions. The drive chain is a fail safe component that is designed to break in two at 60-90 lbs. (27-41 kg) of shock and is not covered by the warranty. The chain may be quickly repaired or spliced on site by maintenance personnel in minutes. (*Contact MechoShade Systems for warranty terms and conditions.*)





The Suburban™/2 was developed in response to the need for a well designed, high quality, moderately priced roller shade for commercial or residential shades. The Suburban/2's clean lines, care-free maintenance and high quality components are backed by a Ten-Year Limited Warranty that makes it a great value for a limited budgets and/or a tight space requiring a small profile.

The Suburban/2 features:

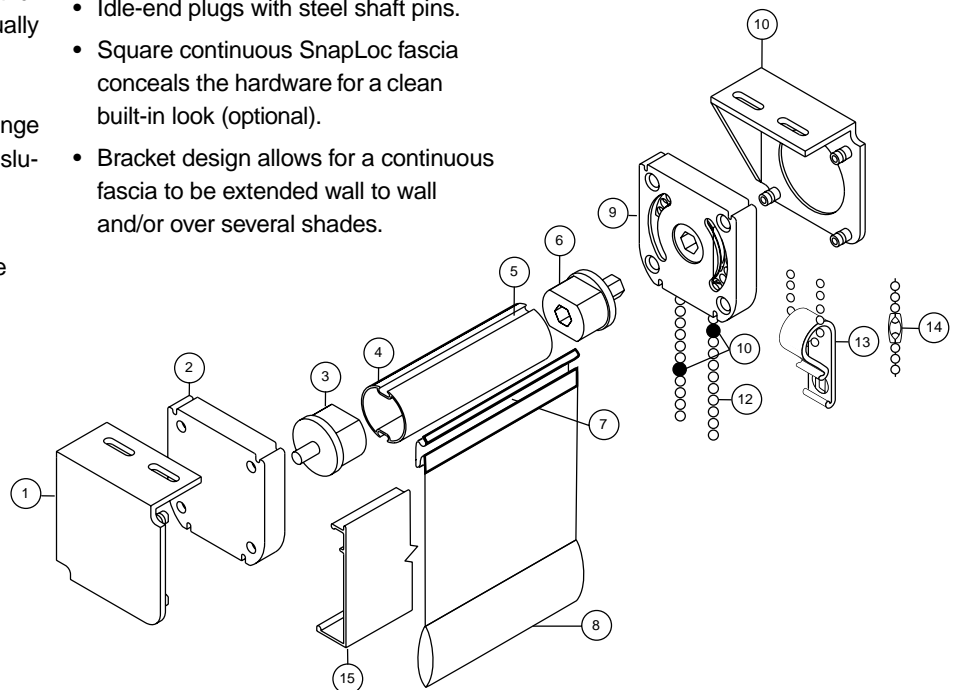
- Energy-conserving ShadeCloths. Suburban/2 offers the most extensive line of sun screens and blackout shade cloths in the industry. ThermoVeil® and EuroVeil® ShadeCloths provide visually transparent shading, with excellent glare control, energy savings and reduction in solar gain. Densities range from 0 to 15% openness factor, translucent to highly transparent. See the ShadeCloth section for details.
- The Suburban/2 is a manual shade comprised of an overrunning clutch braking system that requires no adjustment, and is operated by a nickel plated steel chain.
- Universal end caps allow for wall, ceiling or jamb mounting and are made of high impact ABS for a high quality finish.
- When fully exposed Suburban/2 has a clean finished look with the

convenience and flexibility of individual components.

- The Suburban/2 drive and idle mechanisms utilize high quality molded operating components of Delrin® and Delrin® with Teflon®.
- SnapLoc™ Mini Spline allows for easy removal of the shadecloth without removing the roller tube from the brackets.
- SnapLoc extruded aluminum Roller Tubes are available in 1-1/4" (32mm) diameter or 1-3/8" (35mm) diameter sizes. SnapLoc roller tubes include a mounting channel for the SnapLoc Mini Spline.
- #10 nickel plated steel bead chain with qualified spacing assuring smooth and precise operation at 45 lb. (20kg) minimum breaking strength.
- Chain stop beads control the upper and lower limits of the shade.
- Child-Safe Chain Retainer with SnapLoc base (optional) required for residential applications.
- Drive-end plugs with steel shaft pins.
- Idle-end plugs with steel shaft pins.
- Square continuous SnapLoc fascia conceals the hardware for a clean built-in look (optional).
- Bracket design allows for a continuous fascia to be extended wall to wall and/or over several shades.

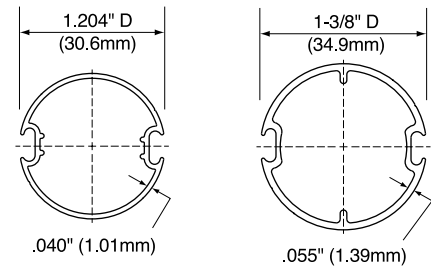
- Flat aluminum hembar is concealed within the shadeband or available as an optional exposed light seal hembar.

1. Universal Mounting Bracket for Left-Hand Drive Ceiling Mount or Right-Hand Drive Wall Mount
2. Idle-End Housing
3. Idle-End Tube Plug
4. SnapLoc Tube
5. SnapLoc Spline Mounting Channel
6. Drive-End Tube Plug
7. Snaploc Mini Spline
8. Hembar (standard cloth covered)
9. Drive-End Housing Assembly
10. Universal Mounting Bracket for Right-Hand Drive Ceiling Mount or Left-Hand Drive Wall Mount
11. Upper and Lower Bead Chain Stops
12. Drive Chain (nickel plated bead chain)
13. Child-Safe Chain Retainer
14. Bead Chain Connector
15. Optional SnapLoc Fascia

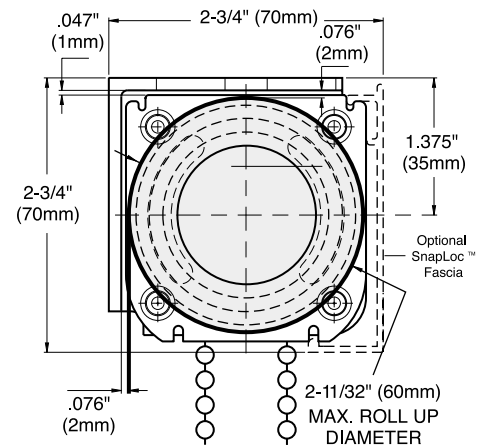


ThermoVeil® 0900, 1000, 1300, 1800, 2100, 3000, 6000 & Equinox

		1-1/8" TUBE					1-3/8" Tube		
WIDTH		24"	36"	48"	60"	72"	84"	96"	
Non-Railroaded Roller Shades									
H E I G H T S	24"	●	●	●	●	●	●	●	
	36"	●	●	●	●	●	●	●	
	48"	●	●	●	●	●	●	●	
	60"	●	●	●	●	●	●	●	
	72"	●	●	●	●	●	●	●	
	84"	●	●	●	●	●	●	●	
U P T O	96"	●	●	●	●	●	●	●	
	108"	X							
	120"	X							
Railroaded Roller Shades									
	54"	●	●	●	●	●	●	●	
	87"	●	●	●	●	●	●	●	
Optional Fascia									
F	Fascia	●	●	●	●	●	●	●	

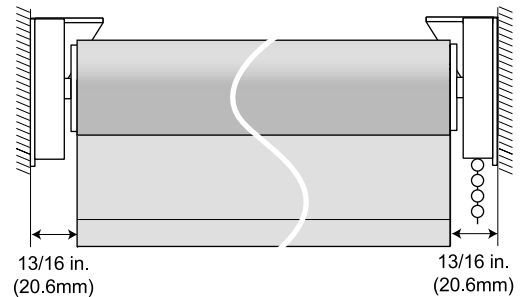


SnapLoc® Tube

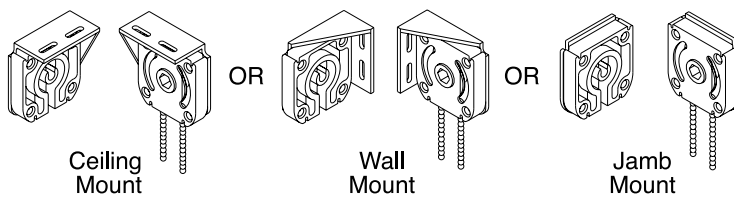


EuroVeil® 5300 Series

		1-1/8" TUBE					1-3/8" Tube	
WIDTH		24"	36"	48"	60"	72"	84"	96"
Non-Railroaded Roller Shades								
H E I G H T S	24"	●	●	●	●	●	●	●
	36"	●	●	●	●	●	●	●
	48"	●	●	●	●	●	●	●
	60"	●	●	●	●	●	●	●
	72"	●	●	●	●	●	●	●
	84"	●	●	●	●	●	●	●
U P T O	96"	●	●	●	●	●	●	●
	108"	●	●	●	●	●	●	●
	120"	●	●	●	●	●	●	●
Railroaded Roller Shades								
	54"	●	●	●	●	●	●	●
	87"	●	●	●	●	●	●	●
Optional Fascia								
F	Fascia	●	●	●	●	●	●	●



UNIVERSAL MOUNTING



MechoShade Systems, Inc.
 42-03 35th Street, Long Island City, NY 11101
 Telephone: 718-729-2020
 Fax: 718-729-2941 / 800-899-8081

E-mail: info@mechoshade.com
 Internet Web Site: <http://www.mechoshade.com>

2.23
 MS2200 - 6/1/04



Batten and Seam Specifications

Battens vs. Seams: MechoShade Systems, Inc. is one of the only, if not the only, shade manufacturer to use a batten joint vs. a seam joint. This type of construction costs more, but is highly effective in ensuring that certain types of shade bands hang and track straight. See page 2.24 for an illustration of the Batten vs. Seam joint.

Woven ScreenCloth: All woven ScreenCloth, regardless if their core yarns are polyester or fiberglass, will stretch under their hanging weight due to "Woven Fabric Mechanical Extensibility" or "The Hour Glass Effect". In order to assure the proper tracking and rolling of the shadeband, and avoid the "Hour Glass Effect", battens are included by MechoShade as a standard detail when the width-to-height (W:H) ratio exceeds 1:4. Railroaded, multi-width shade bands will receive a 1-1/2" (38mm) batten joint. Battens may be specified for shade bands that otherwise do not need them to align with shade bands that do require battens, at additional cost. Battens will be positioned on the shade band, per the chart below, or at customer specified positions, subject to approval of MechoShade Systems, Inc., and may be at additional cost.

Standard Batten Placement for Non-Railroaded (Standard) ElectroShades:

- Batten placement for non-railroaded shades shall be the minimum required to meet the 1:4 ratio of width to height.
- Battens shall be equally spaced within the shadeband opening height. For example one batten at the mid point, or two battens at 1/3 points, or three battens at 1/4 points.
- Batten placement for blackout shades with side channels shall not exceed 4'-0" (122cm) o.c. and must be specified.

Standard Batten Placement for Railroaded (RR) ElectroShades*					
Roll Widths	63" (160cm) RR*	72" (183cm) RR*	96" (244cm) RR*	126" (366cm) RR*	
SHADE HEIGHTS	Requires 1 width Railroaded*, +1 seam				
	Requires 1-1/2 widths Railroaded*, +1 seam				
	Requires 2 widths Railroaded*, +1 seam				
	Requires 2-1/2 widths Railroaded*, +1 seam				
	Requires 3 widths Railroaded*, +2 seams				

* All shades measured from the bottom up to the center line of the batten joint. Railroaded (RR) ShadeCloth turned width for height. An additional 9" to 12" (229mm to 305mm) fabric allowance for wrap. Other combinations of widths available (i.e. 1/4, 1/3) subject to MSS acceptance.

Width-to-Height (W:H) Ratio Guidelines and Edge-Clearance Specifications (fabric used normally or railroaded)

- **Shadebands up to 1:3 W:H ratio**, require the standard edge-clearance deduction except for 30" (76cm) wide shadebands.
- **1:3 to 1:4 W:H ratios**, increase the hardware edge-clearance 1/16" (1.6mm) each side to 1/8" (3.2mm) additional deduction.
- **1:4 to 1:5 W:H ratios**, increase the hardware edge-clearance 1/8" (3.2mm) each side to 1/4" (6.4mm) additional deduction. Battens required.
- **1:5 to 1:6 W:H ratios**, increase the hardware edge-clearance 1/4" (6.4mm) each side to 1/2" (12.8mm) additional deduction. Battens required.
- **Over 1:6 W:H ratios**, increase the hardware edge-clearance 5/16" (8mm) each side to 5/8" (16mm) additional deduction. Battens & guide cables required.
- **Railroaded multi-width shades** with horizontal joints shall have seam joints.
- **Environmental conditions may require** additional use of guide cables and/or battens and increased edge clearance.

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2.24
 MS2200 - 6/1/04

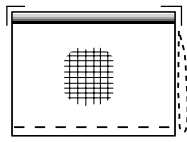


ShadeWords

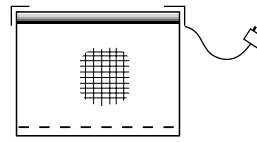
Item

Definition

MechoShade®
ElectroShade®

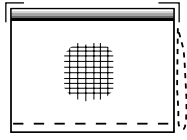


MechoShade®

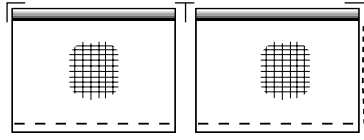


ElectroShade®

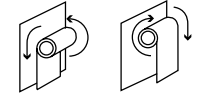
SingleBand™
MultiBand™
Regular- & Reverse-Roll



SingleBand



MultiBand™
(2 or more shadebands on one operator
MechoShades or ElectroShades)

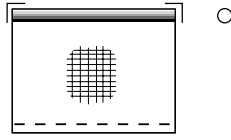


Regular
Roll
(unwinds
towards
glass)

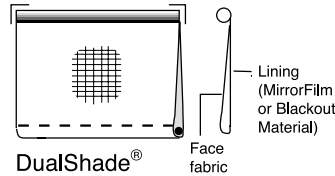


Reverse
Roll
(unwinds
away from
glass)

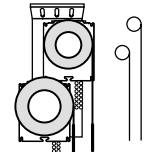
SingleShade™
DualShade®
DoubleShade™



SingleShade™
(Standard)

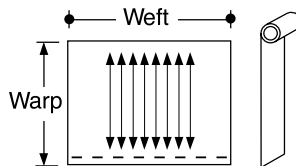


DualShade®

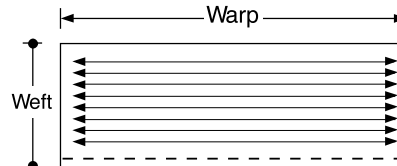


DoubleShade™
(2 on 1 bracket)

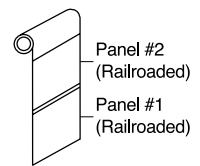
Non-Railroaded ShadeCloth
(NRR) (Standard)
Railroaded ShadeCloth (RR)
(Landscape)



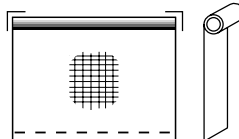
Non-Railroaded ShadeCloth
(ShadeCloth used normally)



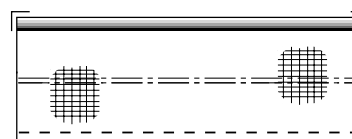
Railroaded ShadeCloth
(ShadeCloth used width for height)



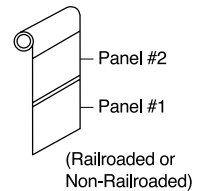
SingleWidth™
MultiWidth™



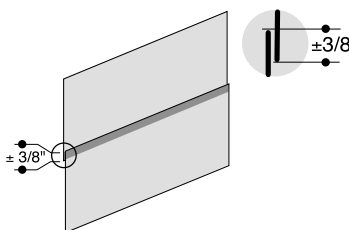
SingleWidth™
(No seams)



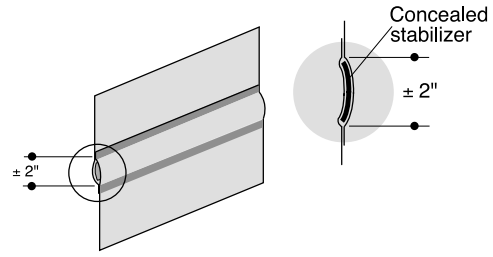
MultiWidth™
(A shadeband with 2 or more widths joined
with a joint batten)



Seam joint (Special)
Batten joint (Standard)



Seam joint
For Fabric Wrap or as Specified.



Batten joint
Standard Joint

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2.25
MS2200 - 6/1/04



**One of the best reasons to specify MechoShade
is its LIFETIME* of dependability.**



Introducing the MechoShade® and ElectroShade® System Lifetime* Limited Warranty.

We are so confident about the quality and dependability of our Manual and Motorized Shading Systems that we gave them a LIFETIME* Limited Warranty. MechoShade Systems, Inc. warrants to original purchasers that the hardware and shade cloths of dependable service of its Mecho/5™ Manual Shade System and ElectroShade Motorized Shade System (interior use products) are free of manufacturing defects in factory materials or workmanship for a LIFETIME*.

LIFETIME* Limited Warranty is defined to be the life of the project for which it was originally purchased, not to exceed 25 years from the date of shipment. This warranty does not depreciate in value.

See full warranty details on page 2.27 – 2.28.

Continued 

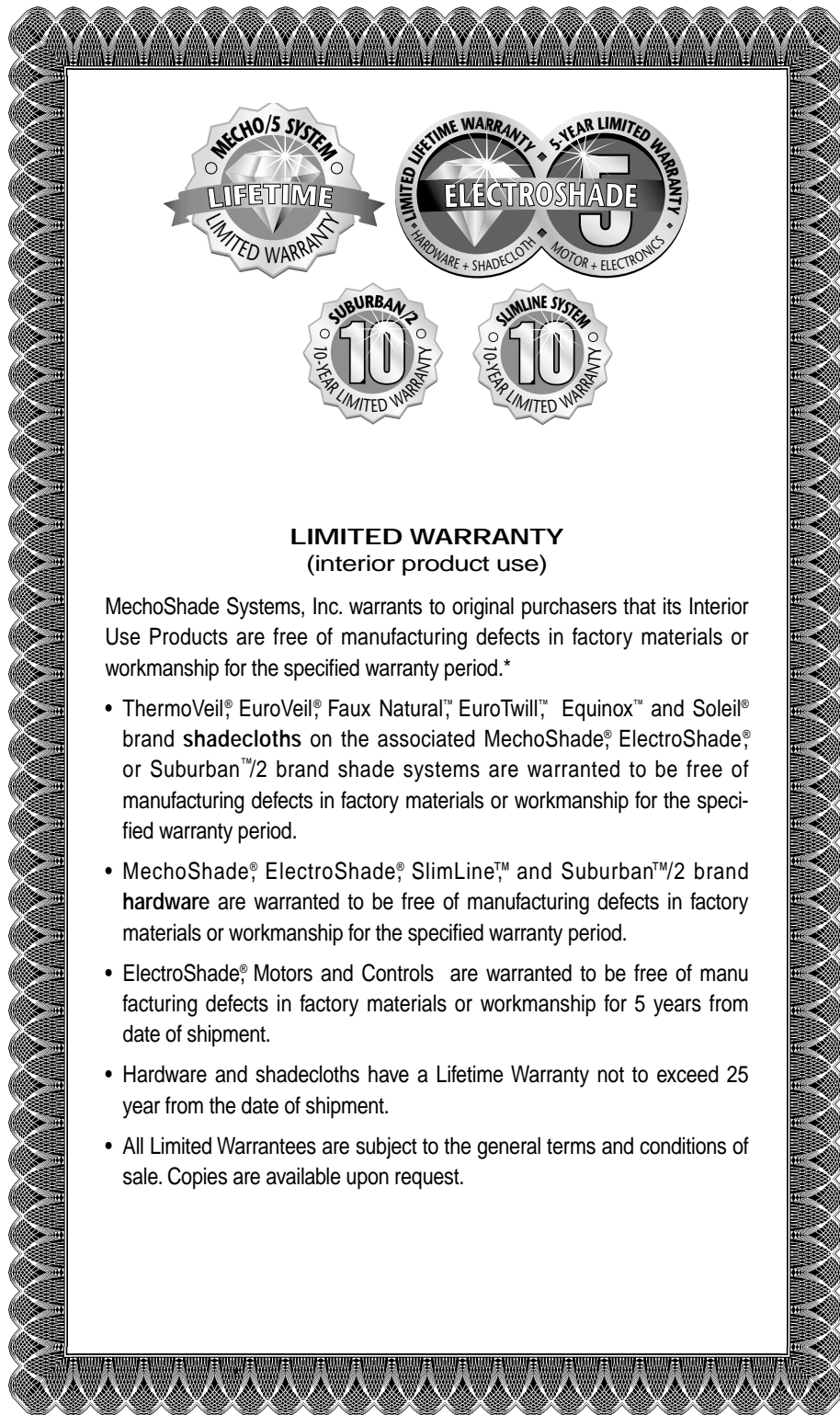
MechoShade Systems, Inc.
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2.26
MS2200 - 6/104



MechoShade® Limited Warranty (Non-Depreciating)



LIMITED WARRANTY (interior product use)

MechoShade Systems, Inc. warrants to original purchasers that its Interior Use Products are free of manufacturing defects in factory materials or workmanship for the specified warranty period.*

- ThermoVeil®, EuroVeil®, Faux Natural™, EuroTwill™, Equinox™ and Soleil® brand **shadecloths** on the associated MechoShade®, ElectroShade®, or Suburban™/2 brand shade systems are warranted to be free of manufacturing defects in factory materials or workmanship for the specified warranty period.
- MechoShade®, ElectroShade®, SlimLine™ and Suburban™/2 brand **hardware** are warranted to be free of manufacturing defects in factory materials or workmanship for the specified warranty period.
- ElectroShade® Motors and Controls are warranted to be free of manufacturing defects in factory materials or workmanship for 5 years from date of shipment.
- Hardware and shadecloths have a Lifetime Warranty not to exceed 25 year from the date of shipment.
- All Limited Warrantees are subject to the general terms and conditions of sale. Copies are available upon request.

MechoShade®/5 System*

Lifetime Limited Warranty to original purchasers on all hardware and shade cloths for the life of the interior project for which it was originally purchased, not to exceed twenty-five years.



MechoShade® SlimLine™ System*

10-Year Limited Warranty to original purchasers on all hardware and shade cloths.



ElectroShade® System*

Lifetime Limited Warranty to original purchasers on all hardware and shade cloths for the life of the interior project for which it was originally purchased, not to exceed twenty-five years.



5-Year Limited Warranty

on Motors and Electronics to be free of manufacturing defects in factory materials or workmanship for 5 years from date of shipment.

Suburban™/2 System*

10-Year Limited Warranty to original purchasers on all hardware and shade cloths.



A 5-Year Limited Warranty for motors and electronic controls.



All in accordance with MechoShade Systems, Inc. Warranty General Terms and Conditions. The MechoShade Limited Warranties are exclusive and in lieu of all other warranties, whether written, oral or implied (including any implied warranty of merchantability, fitness for a particular purpose, or otherwise).

Continued

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2.27
MS2200 - 6/1/04



MechoShade® Warranty General Terms and Conditions

From the Warranty portion of the MechoShade Systems, Inc. General Terms and Conditions of Sale

(INTERIOR USE PRODUCTS)

VII. WARRANTY

MechoShade Systems, Inc. MSS warrants to the original purchaser that its products are free of manufacturing defects in factory materials or workmanship for the following specified warranty periods:

Hardware and ShadeCloth (interior use):

- Lifetime of the interior project for which it was originally purchased, from date of shipment for the Mecho®/5 and ElectroShade Systems, but not to exceed 25 years.
- 10 years from date of shipment for the Mecho SlimLine System.
- 10 years from date of shipment for the Suburban™/2 System.

Controls, Electrical, Electronic Accessories and Motors (interior use):

- 5 years from date of shipment for ElectroShade and Suburban/2 products.

Monumental Shades:

MechoShade Warrantee for Monumental Shades shall be limited to 10 years for hardware and shadecloth; 5 years for motors and electronics. Monumental Shades are defined to be any shade band over 300 Sq. ft. and shall be wider than 20 ft. and/or higher than 30 ft.

If any part of a MSS product (except for images or artwork on shadecloths) is found in the reasonable judgment of MSS to be defective in factory materials or workmanship during the above-prescribed warranty periods, MSS will repair or replace the defective part at its option. Repair or replacement under this warranty does not include labor or costs for installation, reinstallation, or removal of MechoShade products, parts or components. This warranty extends only to the original purchaser for MSS products installed by an authorized MechoShade dealer representative with a valid written dealer representative agreement with MechoShade® Systems, Inc. The MechoShade®/5 System and ElectroShade® System Lifetime Limited Warranty is void unless the warranty card is filled out and returned to MSS within 120 days of shipment.

This warranty does not apply if any of the following exclusions exist:

- The product has been subject to misuse, abuse, neglect, negligence, accident, or has been operated in any way contrary to MSS's operating instructions or specifications.
- Damages or conditions that have resulted from improper cleaning, maintenance, care or repair of the product.
- The product has been improperly installed or not installed according to MSS's guidelines or specifications.
- MSS's written instructions for installation and wiring of electrical connections were not followed.
- The product has been used to perform functions or operated in a manner contrary to its design or otherwise is used in a manner contrary to or in excess of MSS's specifications, drawings, or instructions.
- The product is used with electrical accessories or parts, including switches, relays, or other accessory components, that have not been previously approved in writing by the MSS Engineering Department.
- If any electrical accessories and other components have been used in disregard to the basic wiring diagram for which they were designed.
- Failure to comply with all MSS's written instructions and specifications.
- Repairs made necessary from normal wear of the product or by use of parts or accessories which are either incompatible with the product or otherwise adversely affect its operation, performance, or durability.
- Product used for non interior applications or otherwise exposed to outdoor environmental conditions.

MSS reserves the right to change or improve the design of any MechoShade product without assuming any obligation to modify or retrofit any product previously manufactured or supplied.

MSS does not warrant any images or artwork reproduced, printed, or placed on shade cloth by MSS or any imaging supplier, and MSS is not otherwise responsible or liable for fading, discoloration, color shifts, or any other failure or defect in such images or artwork.

MSS requires that the Buyer license or own the right to reproduce all images or artwork, photographs and other intellectual property provided by the Buyer, its agents, or customers. The Buyer shall indemnify, defend, and hold harmless MSS, its imaging supplier, and their employees and officers against any claims or actions for alleged or actual copyright or trademark infringement or any other claims resulting from reproduction of the images or artwork in any form or any other use of the images or artwork by buyer, MSS, its imaging supplier, or other third parties.

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MSS ASSUMES NO RESPONSIBILITY AND SHALL NOT BE LIABLE TO THE ORIGINAL PURCHASER OR ANY OTHER PARTY OR NON PARTY FOR ANY PERSONAL INJURY, LOSS, OR DAMAGE, WHETHER DIRECT, LIQUIDATED, INCIDENTAL, OR CONSEQUENTIAL, INCLUDING BUT NOT LIMITED TO THE LABOR OR COSTS RELATED TO THE REPLACEMENT OF A DEFECTIVE PRODUCT OR PARTS OR INSTALLATION, REINSTALLATION, OR REMOVAL OF SUCH PRODUCT OR PARTS, EXPENSE OF RETURNING A PRODUCT OR PART TO MSS OR ITS AUTHORIZED DEALER OR THE EXPENSE OF DELIVERING IT BACK TO THE ORIGINAL PURCHASER, LOSS OR DAMAGE TO PERSONAL OR REAL PROPERTY, LOSS OF REVENUE, LOSS OF THE USE OF THE PRODUCT, LOSS OF TIME, OR INCONVENIENCE.

This warranty gives the original purchaser specific legal rights, and the original purchaser may also have other rights which vary from state to state.

For a copy of our General Terms and Conditions of Sale, please see Section 10 of this binder or contact MechoShade Systems, Inc.

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2.28
MS2200 - 6/1/04

