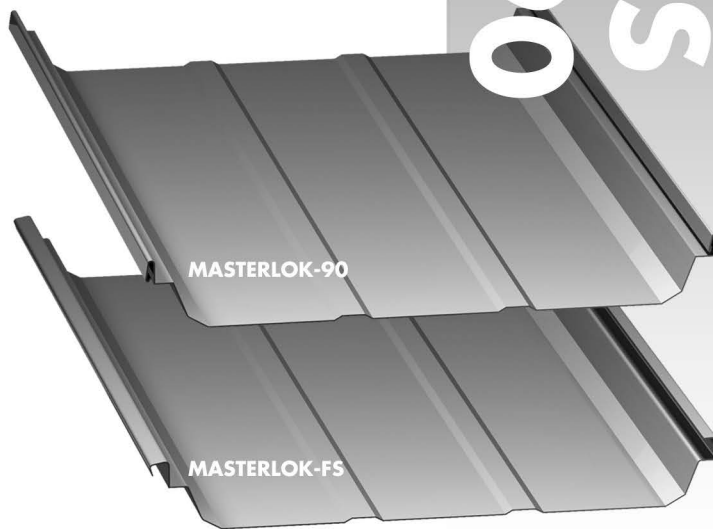


# MASTERLOK-FS MASTERLOK-90

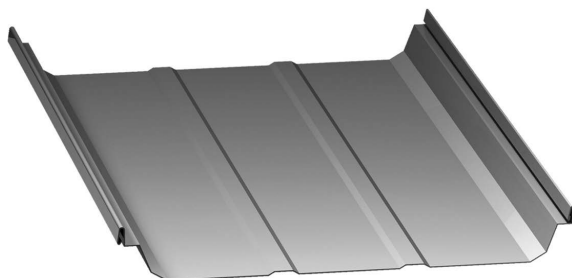


Panel/Trim /Accessories

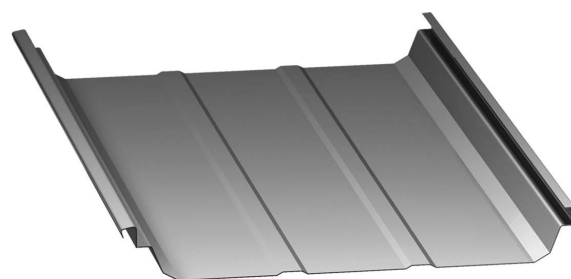




# MASTERLOK-90/FS

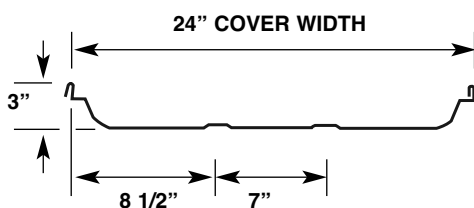


**MasterLok-90**

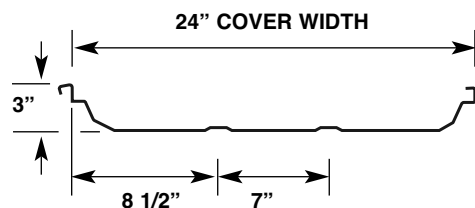


**MasterLok-FS**

**MASTERLOK-90 PANEL**



**MASTERLOK-FS PANEL**



## MasterLok-90 / MasterLok-FS Load Tables and Section Properties

Load tables and section properties for MasterLok-90 and MasterLok-FS can be found online at [www.mcelroymetal.com](http://www.mcelroymetal.com). Please contact the **McElroy Engineering Department** at **1-800-950-9082** for additional information.

### Details:

- Factory applied sealant in seam to improve weather-tightness
- MasterLok-90 minimum slope: 1:12
- MasterLok-FS minimum slope: 1/4:12
- Can be installed over solid deck or open framing
- MasterLok-FS is a mechanically seamed profile
- MasterLok-90 also available with MoistureLok

### Panel Options:

- Panel width: 24"
- Coating:
  - Kynar 500® (PVDF)
- Substrate:
  - Standard 24 GA Galvalume®
  - Optional 22 GA Galvalume

### Notes:

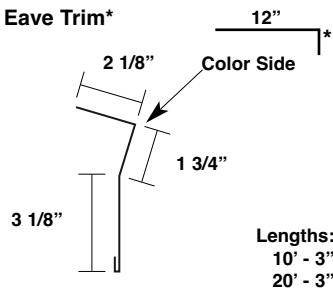
- Oil canning is inherent in all metal panels and is not cause for panel rejection.
- Please contact a McElroy representative for specific pricing, lead times, special colors or gauges that may not be on a McElroy Metal color chart.
- Contents in this manual are subject to change without notice. To confirm this book is the most current copy, please visit McElroy's website at [www.mcelroymetal.com](http://www.mcelroymetal.com).

# MASTERLOK-90/FS

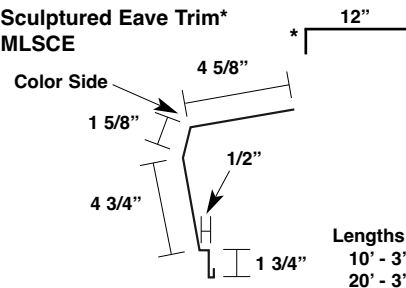
## TRIM

24 GA

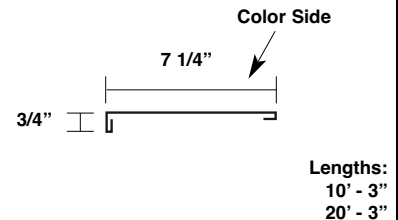
**Simple Eave Trim\***  
MLSE



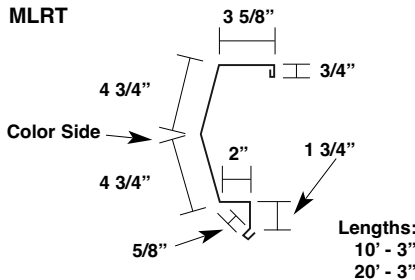
**Sculptured Eave Trim\***  
MLSCE



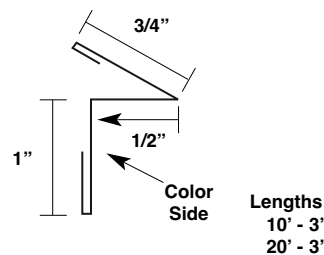
**Termination Trim**  
MLVT



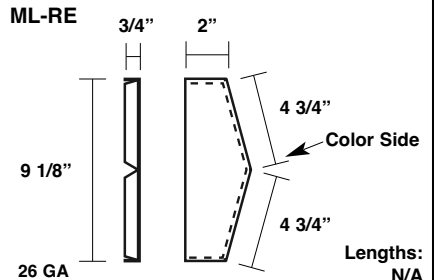
**Rake Trim**  
MLRT



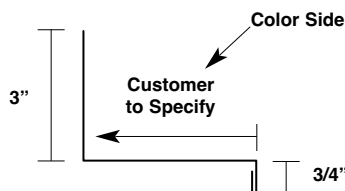
**Rake Slide**  
MLRS



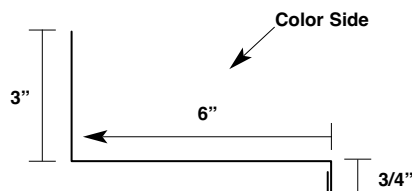
**Rake End**  
ML-RE



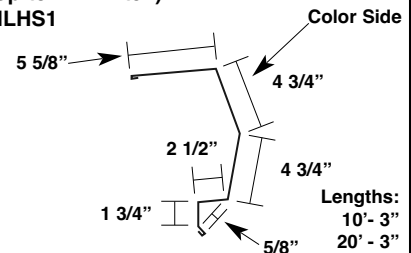
**Rake Tie-In Trim**



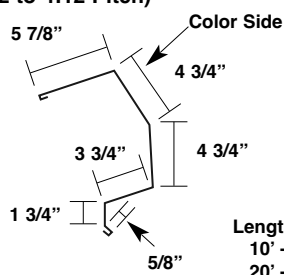
**Alternate Rake Tie-In Trim**



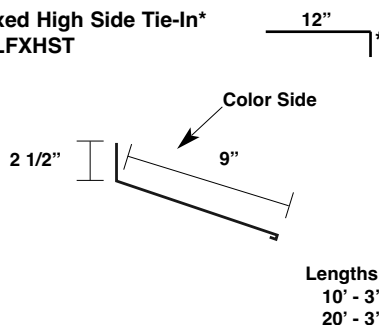
**High Side Eave Trim**  
(Up to 2:12 Pitch)  
MLHS1



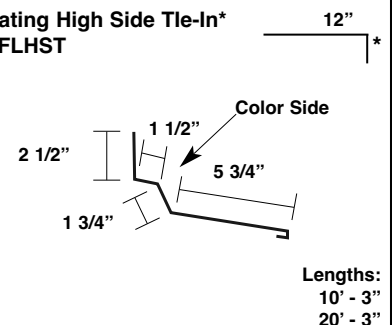
**High Side Eave Trim**  
(Over 2:12 to 4:12 Pitch)  
MLHS4



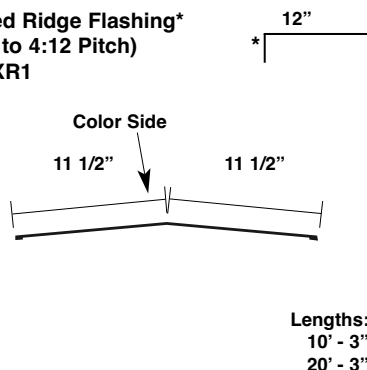
**Fixed High Side Tie-In\***  
MLFXHST



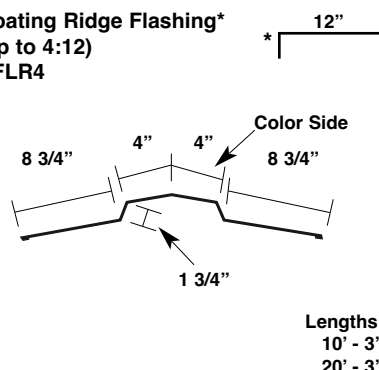
**Floating High Side Tie-In\***  
MLFLHST



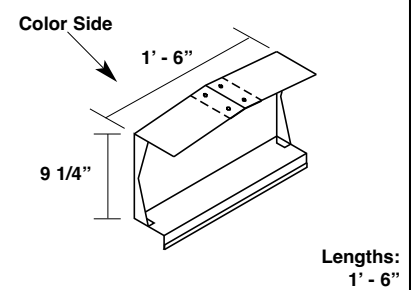
**Fixed Ridge Flashing\***  
(Up to 4:12 Pitch)  
MFXR1



**Floating Ridge Flashing\***  
(Up to 4:12)  
MFLR4



**Fixed Peak Box**  
(Up to 2:12 Pitch)  
MLFXPB1

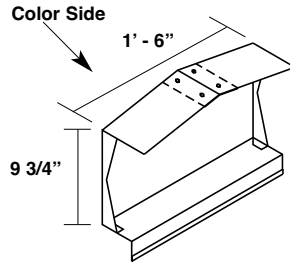


# MASTERLOK-90/FS

## TRIM

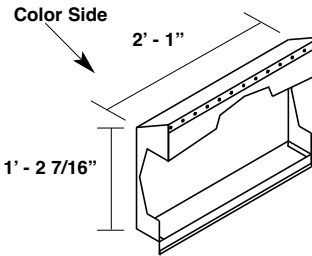
24 GA

**Fixed Peak Box**  
(Over 2:12 to 4:12 Pitch)  
MLFXPB4



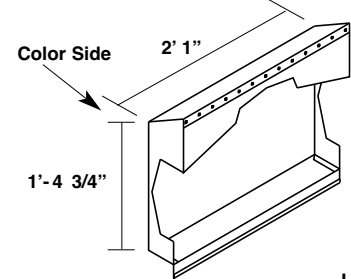
Lengths:  
1' - 6"

**Floating Peak Box**  
(Up to 2:12 Pitch)  
MLFLPB1



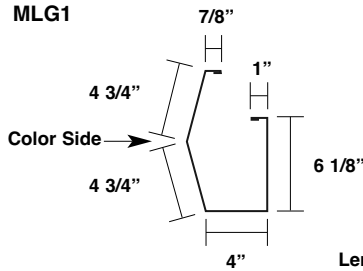
Lengths:  
2' - 1"

**Floating Peak Box**  
(Over 2:12 to 4:12 Pitch)  
MLFLPB4



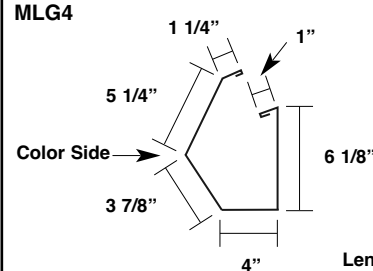
Lengths:  
2' - 1"

**Gutter**  
(Up to 2:12 Pitch)  
MLG1



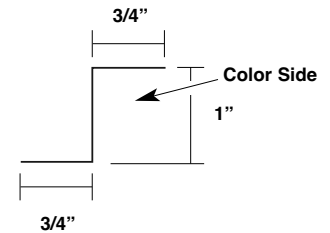
Lengths:  
10' - 3"  
20' - 3"

**Gutter**  
(Over 2:12 to 4:12 Pitch)  
MLG4



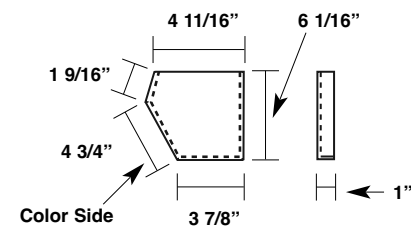
Lengths:  
10' - 3"  
20' - 3"

**Gutter Strap**  
ML-GS



Lengths:  
0' - 6"

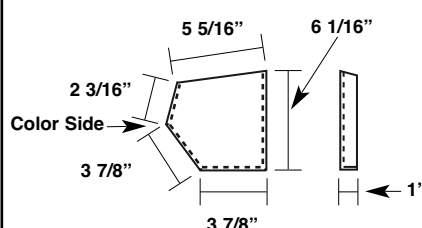
**Gutter End Cap**  
(Up to 2:12 Pitch)  
MLGE1



Lengths:  
N/A

26 GA

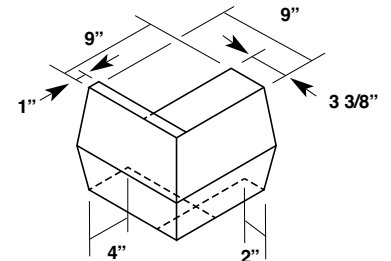
**Gutter End Cap**  
(Over 2:12 to 4:12 Pitch)  
MLGE4



Lengths:  
N/A

26 GA

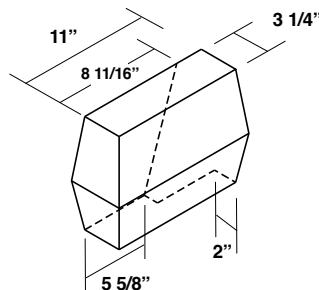
**Outside Corner Box for Standard Gutter**  
Up to 2:12 Pitch



26 GA  
(Right Hand Shown  
- Left Hand Opposite)

Lengths:  
N/A

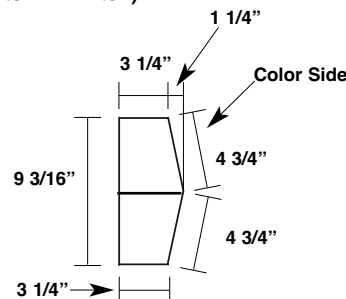
**Outside Corner Box for Standard Gutter**  
2:12 to 4:12 pitch



26 GA  
(Right Hand Shown  
- Left Hand Opposite)

Lengths:  
N/A

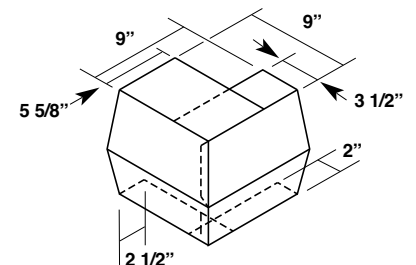
**Gutter Corner Box for Sculptured Eave**  
(Up to 4:12 Pitch)



Lengths:  
N/A

26 GA  
(Right Hand Shown  
- Left Hand Opposite)

**High Eave Corner Box**  
(Right Hand Shown-Left Hand Opposite)



26 GA

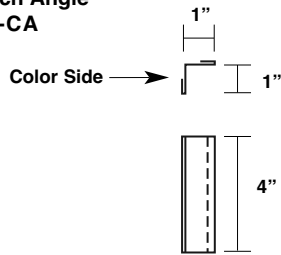
Lengths:  
N/A

\*specify roof pitch

# MASTERLOK-90/FS

**26 GA**

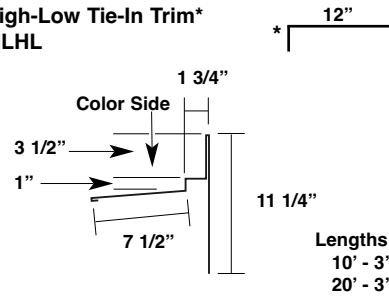
**Cinch Angle  
ML-CA**



26 Ga.

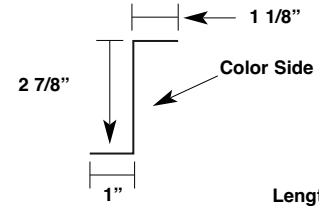
Lengths:  
0' - 4'

**High-Low Tie-In Trim\*  
MLHL**



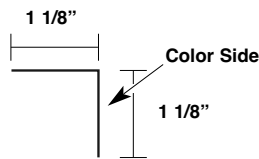
Lengths:  
10' - 3"  
20' - 3"

**Zee Flashing  
ML3ZF**



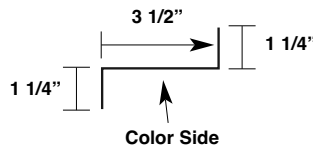
Lengths:  
10' - 3'

**Insulation Angle Trim  
MLIA**



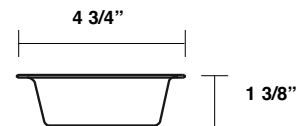
Lengths:  
10' - 3'

**Insulation Zee Trim  
MLIZ**



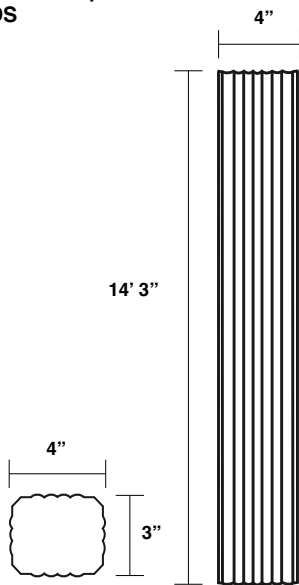
Lengths:  
2' - 0'

**Aluminum Downspout Outlet Box  
BBPOUT**



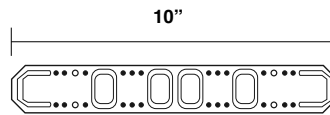
Lengths:  
N/A

**3" x 4" Downspout  
BBPDS**



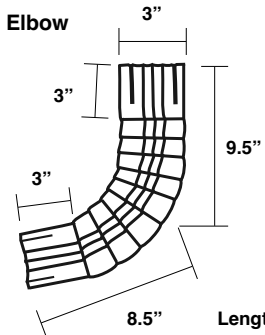
Lengths:  
14' - 3'

**Downspout Strap  
BBPDSS**



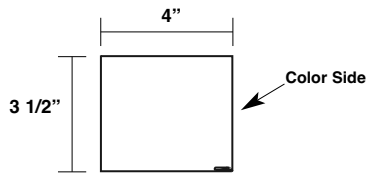
Lengths:  
10'

**3" x 4" Downspout Elbow  
A-Style  
BBPELA**



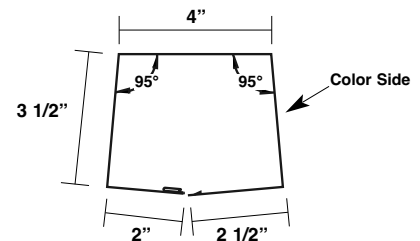
Lengths:  
N/A

**Lock-Seam Downspout - Corner  
(Right Hand Corner Shown)**

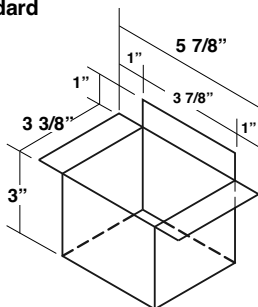


Please specify left or right hand corner

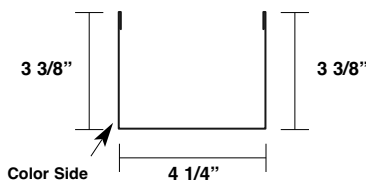
**Lock-Seam Downspout - Center**



**Lock-Seam Downspout Outlet -  
Standard**



**Lock-Seam Downspout Strap**

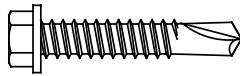


# MASTERLOK-90/FS

## ACCESSORIES

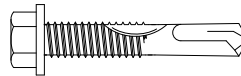
1/4 - 14 x 1 1/4"

TEK2  
Self Driller  
W/O Washer - Plain  
Item #: 10969



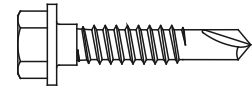
#12 - 24 x 1 1/4"

TEK 4.5  
W/O Washer - Plain  
Item #: 10979



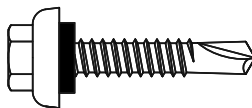
1/4 - 14 x 1 1/4"

Shoulder TEK2 3/8  
HWH W/O Washer - Plain  
Item #: 10975



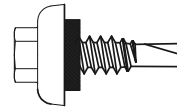
1/4 - 14 x 1 1/4"

TEK2 ZAC  
(Part # varies by color)



1/4 - 14 x 7/8"

LAPTEK ZAC  
Self Driller  
(Part # varies by color)



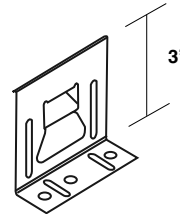
#14-10 Dekfast Pan Head  
(Length varies by application)



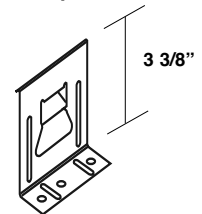
43D Pop Rivet  
(Part # varies by color.)



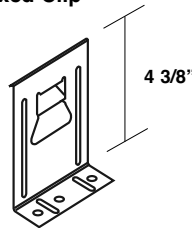
ML-90 Utility Fixed Clip  
Item #: 10919



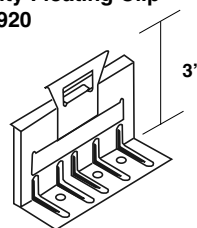
ML-90 Low Fixed Clip  
Item #: 10921



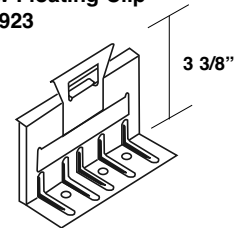
ML-90 High Fixed Clip  
Item #: 10922



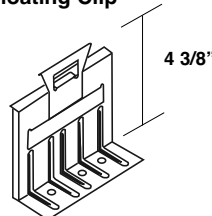
ML-90 Utility Floating Clip  
Item #: 10920



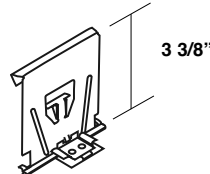
ML-90 Low Floating Clip  
Item #: 10923



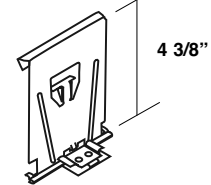
ML-90 High Floating Clip  
Item #: 10924



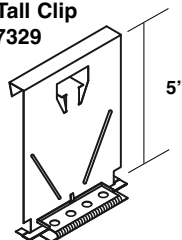
ML-FS Low Floating Clip  
Item #: 10211



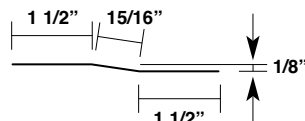
ML-FS High Floating Clip  
Item #: 10212



ML-FS 5" Tall Clip  
Item #: 227329

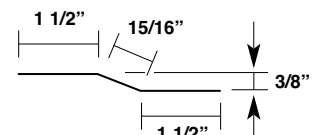


Utility Eave Plate  
Item #: 17477



Lengths:  
10'

Low Eave Plate  
Item #: 10936

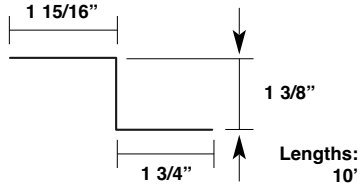


Lengths:  
10'

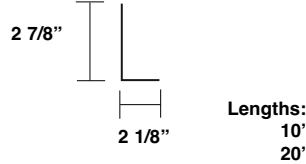
# MASTERLOK-90/FS

## ACCESSORIES

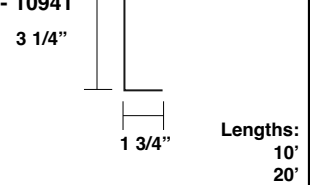
**High Eave Plate**  
Item #: Galvanized: 211274  
Red Primed: 237215



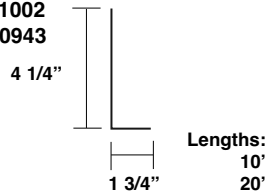
**Utility Fixed Rake Support Angle**  
Item #: 10' - 11213  
Item #: 20' - 11196



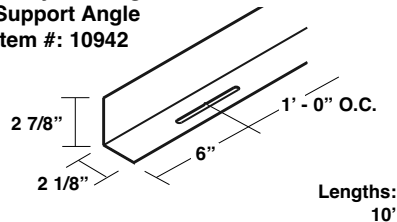
**Low Fixed Rake Support Angle**  
Item #: 10' - 11005  
Item #: 20' - 10941



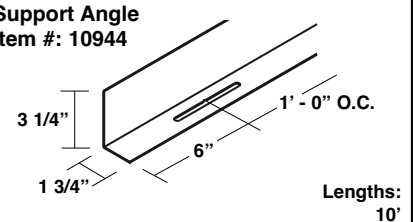
**High Fixed Rake Support Angle**  
Item #: 10' - 11002  
Item #: 20' - 10943



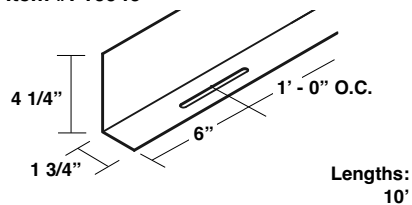
**Utility Floating Rake Support Angle**  
Item #: 10942



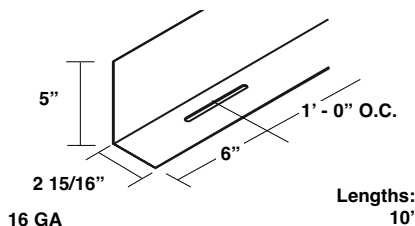
**Low Floating Rake Support Angle**  
Item #: 10944



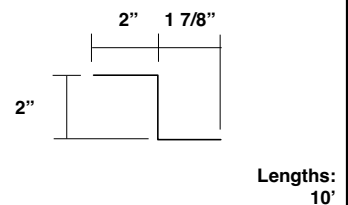
**High Floating Rake Support Angle**  
Item #: 10946



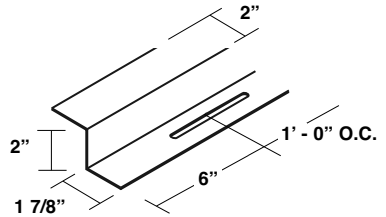
**MLFS Tall Floating Rake Support Angle**  
Item #: 232319



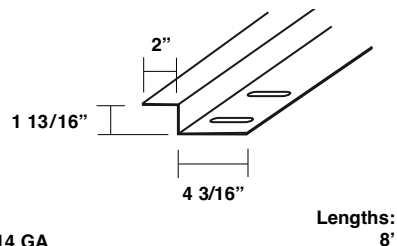
**MLFS Tall Eave Plate**  
Item #: 232237



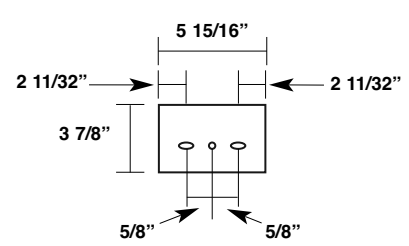
**MLFS Tall Floating Rake Plate**  
Item #: 232318



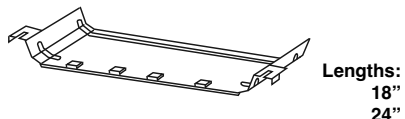
**Floating Eave Plate 2" Stdoff**  
Item #: 232440



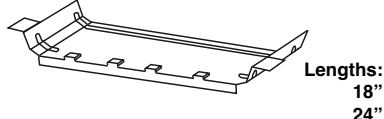
**Bearing Plate**  
Primed Item #: 94599  
Galvanized Item #: 203541



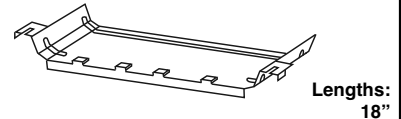
**Modified Back-Up Plate for 18" and 24" Utility Systems**  
Item # 18": 11206  
Item # 24": 10948



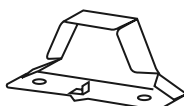
**Standard Back-Up Plate for 24" Wide Panels**  
Item #: 10949



**Standard Back-Up Plate for 18" Wide Panels**  
Item #: 10950



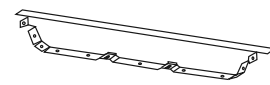
**Inside Closure - Metal**  
(Part # varies by color)



**Inside Closure - Rubber**  
Item #: 10957



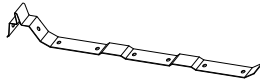
**Outside Closure**  
(Part # varies by color)



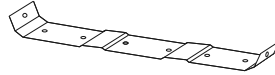
# MASTERLOK-90/FS

## ACCESSORIES

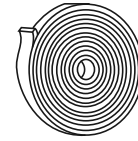
**ML-90 Cinch Strap**  
(Part # varies by color)



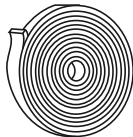
**ML-FS Cinch Strap**  
(Part # varies by color)



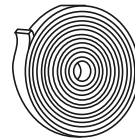
**Butyl Tape Sealant - Double Bead**  
3/16" x 7/8" x 40'  
Item #: 95460



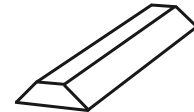
**Butyl Tape Sealant**  
1 1/2" x 1/8" x 30'  
Item #: 10959



**Butyl Tape Sealant**  
3/32" x 1" x 45'  
Item #: 95335



**Strip Tape**  
3/4" x 1 3/8" x 7/32" x 4"  
Item #: 95365



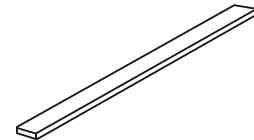
**Titebond Caulk Sealant**  
(Part # varies by color)



**Sikalastomer Butyl Tube Sealant**  
Item #: 95342



**Thermal Spacer**  
3/8" x 3" x 23 7/8" Item #: 11006  
5/8" x 3" x 23 7/8" Item #: 11008  
1" x 3" x 23 7/8" Item #: 10960  
1 3/8" x 3" x 23 7/8" Item #: 10961



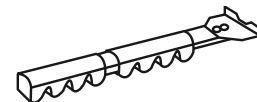
**Touch-Up Paint Pen**  
(Part # Varies by Color)



**ML90 Seam Snapping Tool**  
Item #: 10967



**Unseaming Tool**  
(ML-90 Only)  
Item #: 10966



### Notes:



# *MASTERLOK-90/FS*

**NOTES:**





☆ MANUFACTURING LOCATIONS ● SERVICE CENTERS ★ MANUFACTURING AND SERVICE CENTER



**CORPORATE OFFICE**  
1500 HAMILTON RD.  
BOSSIER CITY, LA 71111

## MANUFACTURING LOCATIONS

|              |                    |                  |                |             |
|--------------|--------------------|------------------|----------------|-------------|
| ADELANTO, CA | ASHBURN, GA        | BOSSIER CITY, LA | CLINTON, IL    | DIAMOND, MO |
| HOUSTON, TX  | LEWISPORT, KY      | LOCKHART, TX     | MARSHALL, MI   | MAUSTON, WI |
| MERKEL, TX   | PEACHTREE CITY, GA | SUNNYVALE, TX    | WINCHESTER, VA |             |

**McELROY METAL**  
**SERVICE**  
**CENTER**  
EMPLOYEE OWNED

|                                                |                                                      |                                                |                                                   |
|------------------------------------------------|------------------------------------------------------|------------------------------------------------|---------------------------------------------------|
| 17031 Koala Road<br>Adelanto, CA 92301         | 5215 Leo St.<br>Alexandria, LA 71301                 | 1007 Wilso Dr,<br>Baltimore, MD 21223          | 1500 Hamilton Rd.<br>Bossier City, LA 71111       |
| 3052 Yadkin Road<br>Chesapeake, VA 23323       | 9476 Meadowbrook Rd.<br>Clinton, IL 61727            | 3215 Highway 59<br>Diamond, MO 64840           | 390 N. Valley Dell Dr.<br>Fenton, MO 63026        |
| 409 Lovejoy Road<br>Ft. Walton Beach, FL 32548 | 3014 Lincoln Court<br>Garland, TX 75041              | 1440 Aldine Bender Road<br>Houston, TX 77032   | 10504 E. 59th Street<br>Indianapolis, IN 46236    |
| 32 Industrial Circle<br>Lancaster, PA 17601    | 9435 US Hwy. 60 W.<br>Lewisport, KY 42351            | 2701 Cahill Street<br>Lockhart, TX 78644       | 1020 Veterans Street<br>Mauston, WI 53948         |
| 5123 Terminal Dr.<br>McFarland, WI 53558       | 514 Cave Road<br>Nashville, TN 37210                 | 8304 Hwy. 70 E.<br>North Little Rock, AR 72117 | 613 North Bierdeman Rd.<br>Pearl, MS 39208        |
| 8511 Industrial Drive<br>Pearland, TX 77584    | 2755 Hwy 60<br>Pendergrass, GA 30567                 | 7450 Tower Street<br>Richland Hills, TX 76118  | 8200 Berry Ave. Suite 100<br>Sacramento, CA 95828 |
| 1365 Dean Forest Rd.<br>Savannah, GA 31405     | 7355 Oakley Industrial Blvd.<br>Union City, GA 30291 | 1144 Silstar Rd.<br>West Columbia, SC 29170    | 325 McGhee Rd.<br>Winchester, VA 22603            |

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