

## FEATURES AND BENEFITS

### MB™ New Micro-Bit™ Engineering

- Fastener designed to attach steel roofing & siding used in post-frame & residential metal roofing applications.
- Threads transition from fine to coarse to generate superior holding strength in various wood substrates.
- Micro-Bit™ point reduces metal shavings that can embed themselves in the rubber washer.
- EPDM rubber is vulcanized to a steel washer to form an excellent seal even when driven at an angle.

**ALL UNPAINTED WOODBINDER MB FASTENERS COME STANDARD WITH DURASEAL® PLUS ENHANCED CORROSION RESISTANCE COATING**

**FOR PROPER INSTALLATION, THE USE OF IMPACT DRIVERS ARE NOT RECOMMENDED FOR POWDER COATED OR ANY WET PAINTED FASTENER.**

**PULLOUT & PULLOVER VALUES ARE DETERMINED IN THE ST FASTENING SYSTEMS ENGINEERING LABORATORY USING STEEL PANELS/FRAMING & WOOD DENSITIES WHOSE STRUCTURAL PROPERTIES ARE FOUND IN PRESENT DAY PRODUCTS.**

**THE MB MICRO-BIT POINT MAY GENERATE SMALL METAL SHAVINGS UPON INSTALLATION. IT IS RECOMMENDED TO CLEAN/SWEEP THE METAL PANELS AFTER INSTALLATION TO PREVENT PREMATURE RUST SPECKS.**

SIZE	CARTON QTY.	WEIGHT/M
10 x 1"	3000	7.8
10 x 1 1/2"	2500	9.9
10 x 2"	2000	12.2
10 x 2 1/2"	1500	14.3
10 x 3"	1000	16.3
12 x 3/4" Stitch	2500	8.8

LBS. ULT.			
SUBSTRATE	PENETRATION	10-16/8 VALUE	STITCH VALUE
3/4" PLY	FULL	636	N/A
5/8" PLY	FULL	441	N/A
5/8" PLY	1/2"	N/A	297
1/2" PLY	FULL	368	N/A
1/2" PLY	1/2"	N/A	329
7/16" OSB	FULL	210	N/A
7/16" OSB	1/2"	N/A	217
2 X Y. PINE*	1"	713	N/A
2 X Y. PINE*	1 1/2"	1526	N/A
2 X Y. PINE*	1/2"	N/A	495
2 X SPF*	1"	466	N/A
2 X SPF*	1 1/2"	1216	N/A
2 X SPF*	1/2"	N/A	162

\* Y.PINE (Yellow Pine) \* SPF (Spruce Pine Fir)

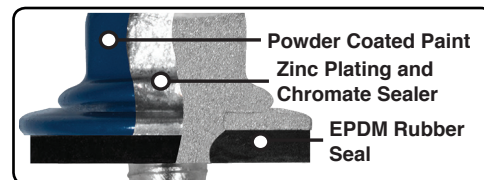
PULL OVER STRENGTH LBS. ULT.				
SUBSTRATE	GAUGE	THICKNESS	10-16/8 VALUE	STITCH VALUE
AZ55 Galvalume*	29	.014	378	378
AZ55 Galvalume*	26	.018	629	629
AZ55 Galvalume*	24	.024	721	721

- NOTES**
1. \*w/ 12mm bonded washer
  2. All strength values shown are ultimate values, express in LBS. Apply an appropriate safety factor to obtain design limits.

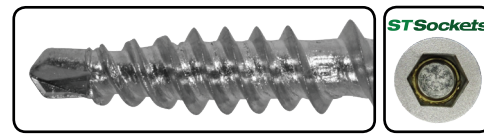
## KWIKSEAL® MB™ WoodBinder®



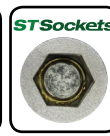
**HEAD STYLE**  
1/4" HWH  
**DRILL POINT**  
MICRO-BIT™  
**MAJOR DIAMETER**  
.205/.191  
.215/.209 STITCH  
**MINOR DIAMETER**  
.121/.116  
.160/.153 STITCH  
**WASHER/HEAD DIAMETER**  
.348/.322  
.348/.322 STITCH  
**HEAD ACROSS FLATS**  
NOM .250  
NOM .250 STITCH  
**ULT. TENSILE STRENGTH**  
1904 LBS.  
2900 LBS. STITCH  
**MIN. TORSIONAL STRENGTH**  
56 IN.-LBS.  
88 IN.-LBS. STITCH  
**NOM. SHEAR STRENGTH**  
1547 LBS.  
1962 LBS. STITCH



Hex Washer Head with EPDM rubber washer provides a watertight seal on roof applications. ST Fastening Systems sockets are designed to allow for the added thickness of the powder coat.



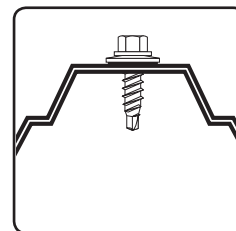
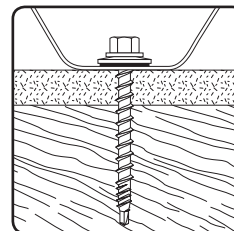
The combination of the Micro-Bit point & transition thread from fine to coarse generates superior drill speed in metal & holding strength in wood substrates.



Available for powder coated fasteners.



## APPLICATIONS



**MB™**  
Micro-Bit™  
Patent Pending

ARCHITECTURAL  
S E R I E S

**ST**  
Fastening  
Systems  
A Division of The Hillman Group

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