

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.

| 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 |

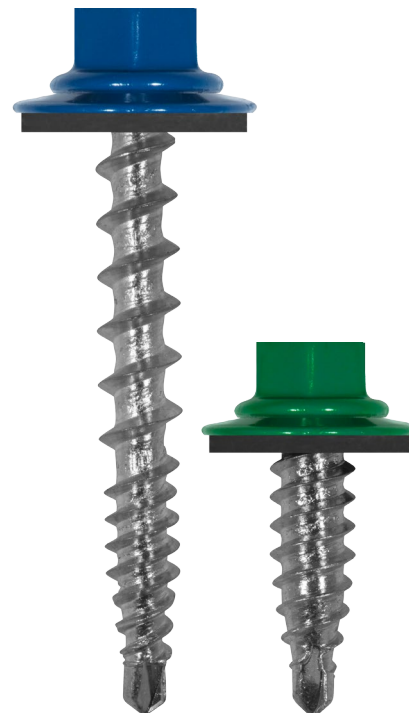
| LBS. ULT. | | | |
|--------------|-------------|---------------|--------------|
| SUBSTRATE | PENETRATION | 10-16/8 VALUE | STITCH VALUE |
| 3/4" PLY | FULL | 636 | N/A |
| 5/8" PLY | FULL | 441 | N/A |
| 5/8" PLY | 1/2" | N/A | 297 |
| 1/2" PLY | FULL | 368 | N/A |
| 1/2" PLY | 1/2" | N/A | 329 |
| 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

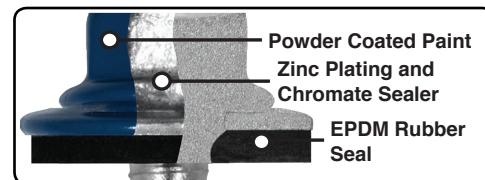
WASHER/HEAD DIAMETER
.348/.322
.348/.322 STITCH

HEAD ACROSS FLATS
NOM .250
NOM .250 STITCH

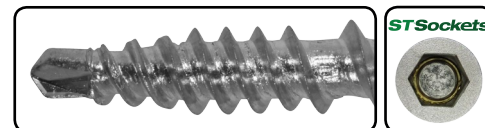
ULT. TENSILE STRENGTH
1904 LBS.
2900 LBS. STITCH

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.

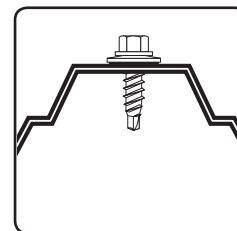
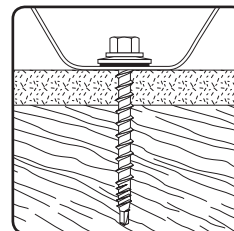


The combination of the Micro-Bit point & transition thread from fine to coarse generates superior drill speed in metal & holding strength in wood substrates.

Available for powder coated fasteners.



APPLICATIONS



ARCHITECTURAL
S E R I E S

