

KWIKSEAL MB™ WoodBinder®

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 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.

PULL OUT & PULL OVER 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

PULL OUT STRENGTH 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)

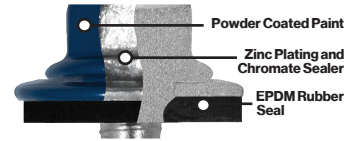
PULL OVER STRENGTH LBS. ULT.

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.

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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.

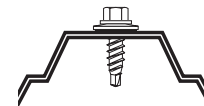
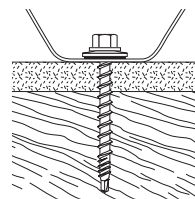


The combination of the Micro-Bit point & transition thread from fine to coarse generates superior drill speed in metal & holding strength in wood substrates.

Available for powder coated fasteners.

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

Applications



ARCHITECTURAL
SERIES

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