

MB™ New Micro-Bit Engineering

Features and Benefits

- Designed to fasten steel roofing to wood purlins used in post-frame construction, plywood or OSB used in residential construction.
- 5/16" cupped HWH with a molded ZAMAC 5 Zinc-Aluminum alloy provides lifetime protection against red rust on the head & washer. The ZAMAC 5 alloy provides more strength than more common ZAMAC 3 alloy. You may obtain a free copy of the written warranty upon request.
- ZXL is an excellent choice for GALVALUME & other long-life metal roof panels.
- 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.

SIZE	CARTON QTY.	WEIGHT/M
10 x 1"	3000	12.7
10 x 1 1/2"	2500	14.7
10 x 2"	2000	17.0
10 x 2 1/2"	1500	19.2
10 x 3"	1000	21.0
12 x 3/4" Stitch	2500	9.0

NOTES: All strength values shown below are ultimate values, expressed in LBS. Apply an appropriate safety factor to obtain design limits.

PULL OUT STRENGTH LBS. ULT.

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

PULL OVER STRENGTH LBS. ULT.

SUBSTRATE	GAUGE	THICKNESS	10-16/8 VALUE	STITCH VALUE
AZ55 Galvalume	29	.015	658	378
AZ55 Galvalume	26	.019	927	629
AZ55 Galvalume	24	.024	1035	721
AZ55 Galvalume	22	.032	1386	

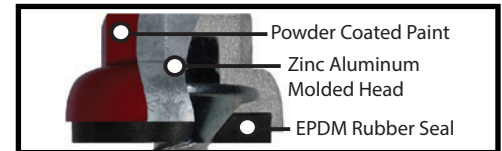
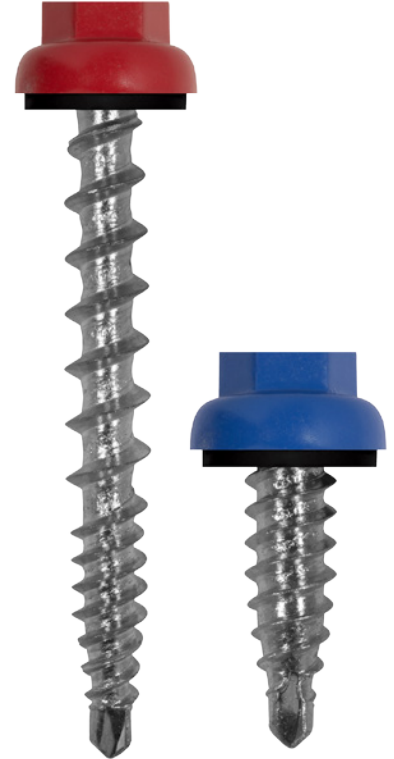
Pull over values are calculated with a EPDM rubber washer assembled to cupped head screw with a .500" washer face.



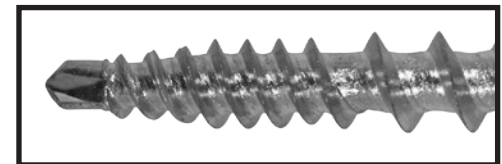
ZXL MB WoodBinder®



HEAD STYLE
5/16" CHWH
POINT DIAMETER
Micro-Bit
MAJOR DIAMETER
.210/.200
MINOR DIAMETER
.130/.126
WASHER FACE DIAMETER
0.5
HEAD ACROSS FLATS
.311/.305
ULT. TENSILE STRENGTH
1585 LBS.
MIN. TORSIONAL STRENGTH
60 IN-LBS.
NOM. SHEAR STRENGTH
1574 LBS.

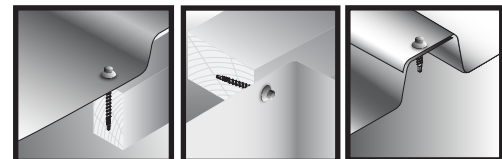


The Zinc-Aluminum alloy HWH prevents red rust from ever starting. Sealtite spring retainer sockets are recommended. Sealtite sockets are designed to allow for the added thickness of the powder coat.



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

APPLICATIONS



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

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