

KWIKSEAL® MB™ **WoodBinder®**

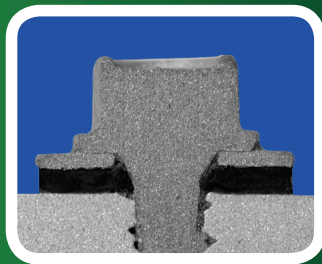
If It Doesn't Say ST, It's An Imitation

Metal to Wood Fastening System

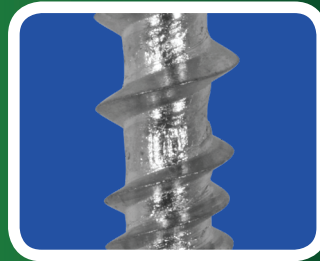
Four Unique Technologies
Create a Synergy of Unmatched
Performance



POWERFUL™
CORROSION DEFENSE
POWDER COAT SYSTEM



KS V-NECK™
PREVENTS TWIST OFF
HEX WASHER HEAD



KS LO-ROOT™
PATENTED
XTREME HOLD
THREAD DESIGN



MB®
MICRO-BIT
SELF DRILL POINT

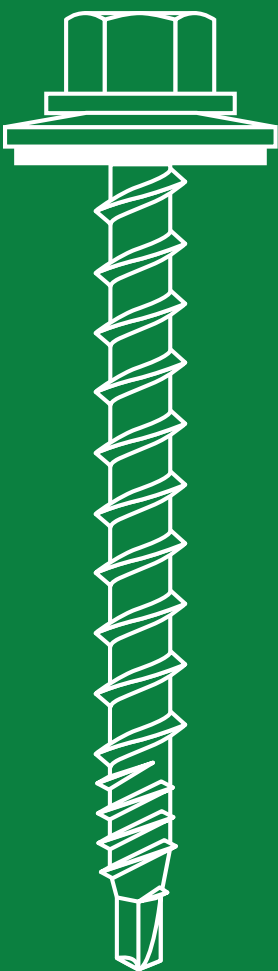
ST®
Fastening
Systems

A Division of The Hillman Group

Built Strong Through Innovation



KWIKSEAL[®] MB[™] WoodBinder[®]



Coating Features

- 2.5 mil of computer controlled powder coat is applied over zinc plating and chromate sealer.
- Unique polyester powder formulation resists harmful UV rays and chemical breakdown.
- Automated process ensures a consistent color match from batch to batch.
- POWDERFUL is completely free of volatile organic compounds (VOC), and is entirely recyclable.
- There are 35 standard colors that match high volume metal panel paint colors.



Head Features

- HWH with V-neck design adds strength to prevent head twist off under extreme torque.
- UV resistant EPDM rubber is vulcanized to a G-90 steel backed washer to provide maximum sealing ability, which prevents leaks, even when drilled at an angle.
- High tensile steel washer provides excellent pullover strength.
- ST MAGNETIC SOCKETS are designed with an advanced forging process to fit the painted fastener securely, which helps to prevent fastener wobble upon installation.

Size

10 x 1", 1-1/2",
2", 2-1/2",
3"
12 x 3/4" Stitch



Thread Features

- Fastener thread transitions from fine to coarse. The low root design provides excellent pullout strength versus traditional or HI-LO thread forms.



Point Features

- Drill point design consistently penetrates metal panels, which eliminates the need to "punch" the metal panels with a sharp point to start the drilling process.
- MB point is excellent for penetrating multiple thicknesses of steel often found on ridge cap or trim applications.

Four Unique Technologies Create a Synergy of Unmatched Performance

ST Fastening Systems
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Benefits

Durability

Powder coating outperforms wet paint in corrosion resistance due to its tough shell barrier coating. It also provides better protection from heat, impact, abrasion, harmful ultra violet rays, and extreme weather conditions. Wet paint will chalk and fade over time. POWDERFUL will maintain its original color properties for many more years than wet paint.

Sustainability

POWDERFUL is environmentally friendly. The wet paint process releases certain harmful VOC's—volatile organic compounds—into the air, but the powder process involves no VOC's. It leaves no environmental footprint, and all material is recyclable and re-usable in future production.

ST Advantage

A building owner's investment is secure knowing the "system" of fastener powder coating and metal panel is superior to a wet paint process.



UV Resistant
Powderful[™]
Powder Coat Process



Fading
Competitors
Wet Paint Process



Benefits

Durability

The combination of the WOODBINDER V-neck design and EPDM/G-90 Galvanized vulcanized bonded washer increase both the strength of the fastener as well as its ability to create a water tight seal. The use of a depth setting nosepiece or screw gun clutch will help ensure that weather tight connection.

Sustainability

The EPDM rubber washer is designed to weather UV rays and other harsh environmental elements. When properly installed on a metal panel and protected by the G-90 galvanized washer, the rubber will last for the life of the building.

ST Advantage

The head design and engineered sealing washer provide function and aesthetics, which add to the value of a total building project.



KS V-Neck Anatomy of the KS V-neck weather tight system

Benefits

Durability

The low root diameter design helps to provide maximum holding strength in many wood substrates.

ST Advantage

Increased holding strength will prevent potential fastener back out.

Benefits

Durability

Point strength provides consistent drilling not found in traditional sharp point screws. Slow drill or no drill screws are eliminated. MB point does not create a "pigtail" metal shaving, which can embed itself in the EPDM washer, creating a potential leak.

ST Advantage

Total in-place cost is reduced due to no dropped screws due to dull points.



Multi-Layer Penetration



No Pig Tails

For More Information Visit:
www.stfasteningsystems.com
1-800-352-4864



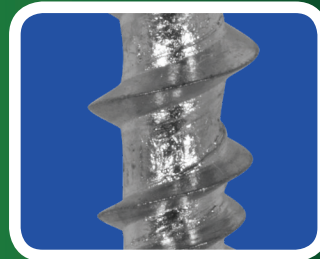
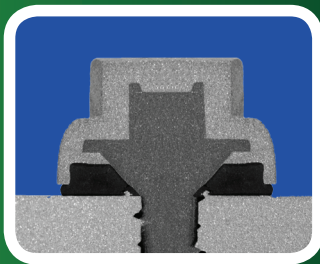
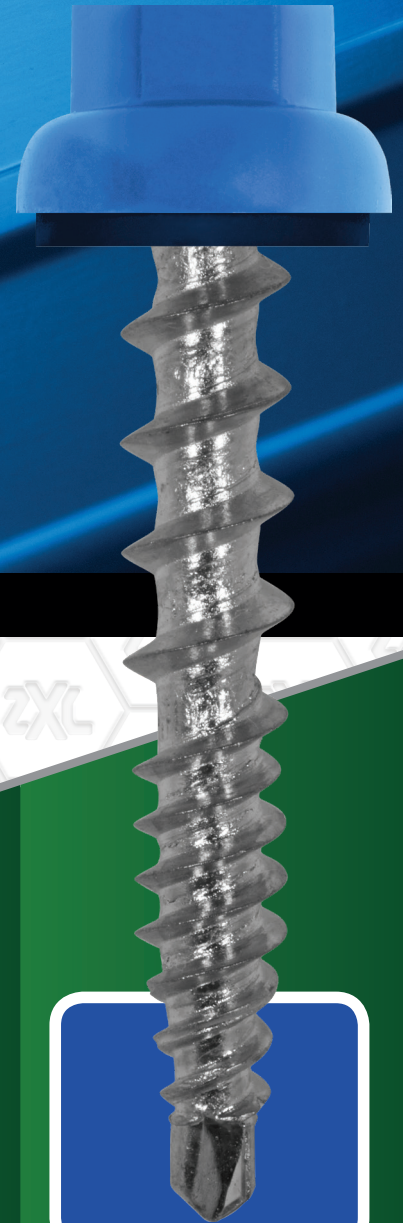
ZXL™ MB™ WoodBinder®

If It Doesn't Say ZXL, It's An Imitation



Metal to Wood Fastening System

*Four Unique Technologies
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Performance*



POWERFUL™
CORROSION DEFENSE
POWDER COAT SYSTEM

ZXL™
NO RED RUST
ZAMAC DIE CAST HEAD

KS LO-ROOT™
PATENTED
XTREME HOLD
THREAD DESIGN

MB®
MICRO-BIT
SELF DRILL POINT

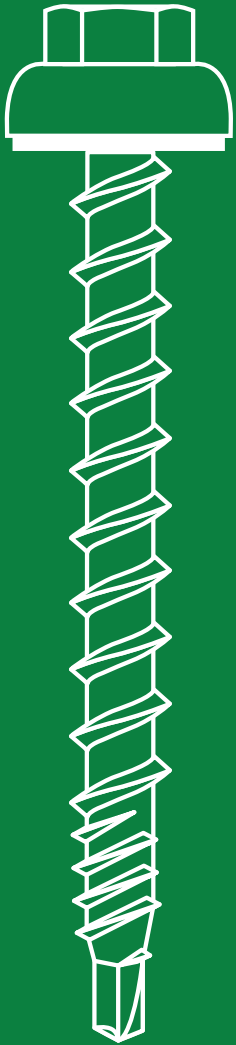
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- Automated process ensures a consistent color match from batch to batch.
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- There are 35 standard colors that match high volume metal panel paint colors.



Head Features

- 5/16" Cupped HWH is manufactured from a strong ZAMAC zinc-aluminum alloy. The head is molded. It is not a cap. The molded head encapsulates the EPDM washer, which fits neatly & conforms to the inside of the mold.
- Head & washer face carry a 40 year warranty against red rust.
- The ZXL is proudly molded in the USA.

Size

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2", 2-1/2",
3"
12 x 3/4" Stitch



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ST Advantage

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UV Resistant

Powderful™
Powder Coat
Process



Fading

Competitors
Wet Paint
Process



Benefits

Durability

Zinc-Aluminum alloy is impervious to red rust. The warranty on the ZXL matches that of the metal panel, completing the roof "System". Head design is not only aesthetic, but functional. Even when driven at an angle, it captures the EPDM rubber washer. Head design locks the panel in place. Pullover strength is greater than a traditional bonded sealing washer. POWDERFUL paint provides an additional barrier coat of corrosion resistance.

ST Advantage

The building investment retains its value when installed with ZXL WOODBINDERS longer than traditional carbon steel fasteners, which will not last the life of the metal panel.



ZXL™

No Red Rust
Zinc Die Cast
Molded Head



Red Rust

Competitors

Wet Paint
Process over
Carbon Head



Benefits

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