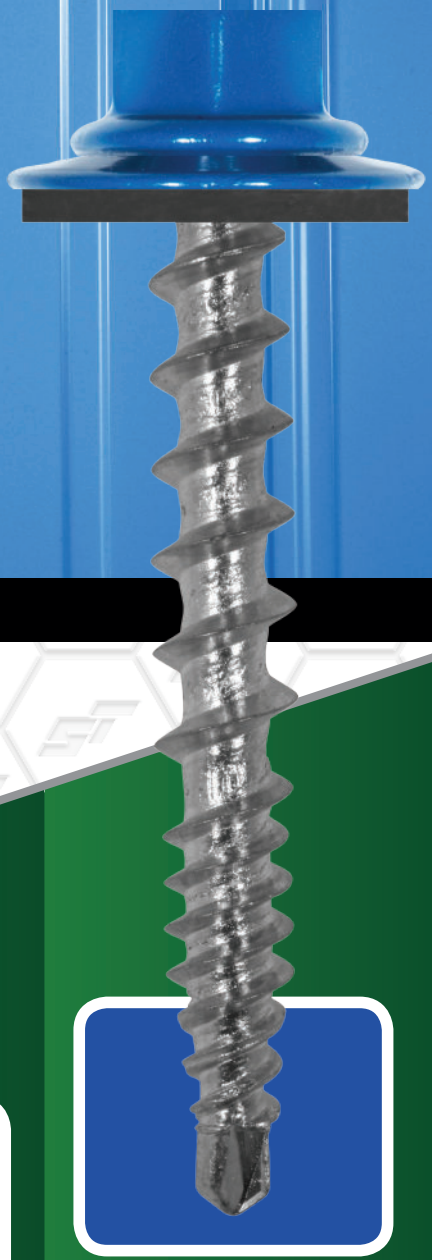
KWIKSEAL® MB™

WoodBinder®

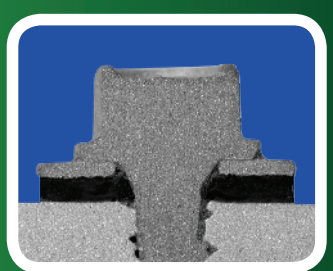
If It Doesn't Say ST, It's An Imitation



Metal to Wood Fastening System

Four Unique Technologies Create a Synergy of Unmatched Performance

POWDERFUL™
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

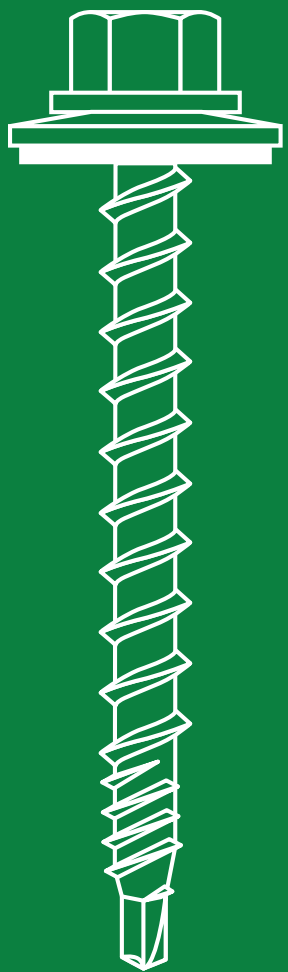
Fastening Systems
A Division of The Hillman Group

ST ARCHITECTURAL SERIES

ST GREEN

Built Strong Through Innovation

KWIKSEAL® MB™ WoodBinder®



Size
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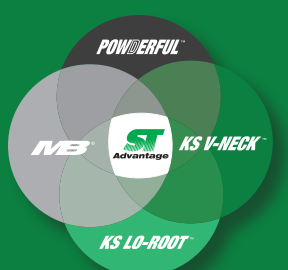
12 x 3/4" Stitch



Four Unique Technologies Create a Synergy of Unmatched Performance

POWDERFUL™ CORROSION DEFENSE POWDER COAT SYSTEM

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.

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.

Powderful™
Powder Coat Process

Competitors
Wet Paint Process

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.

KS V-NECK™ PREVENTS TWIST OFF HEX WASHER HEAD

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.

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.

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

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

KS LO-ROOT™ PATENTED XTREME HOLD THREAD DESIGN

Thread Features

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

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.

MB® MICRO-BIT SELF DRILL POINT

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.

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.

Multi-Layer Penetration

No Pig Tails

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

ST® Fastening Systems
A Division of The Hillman Group

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

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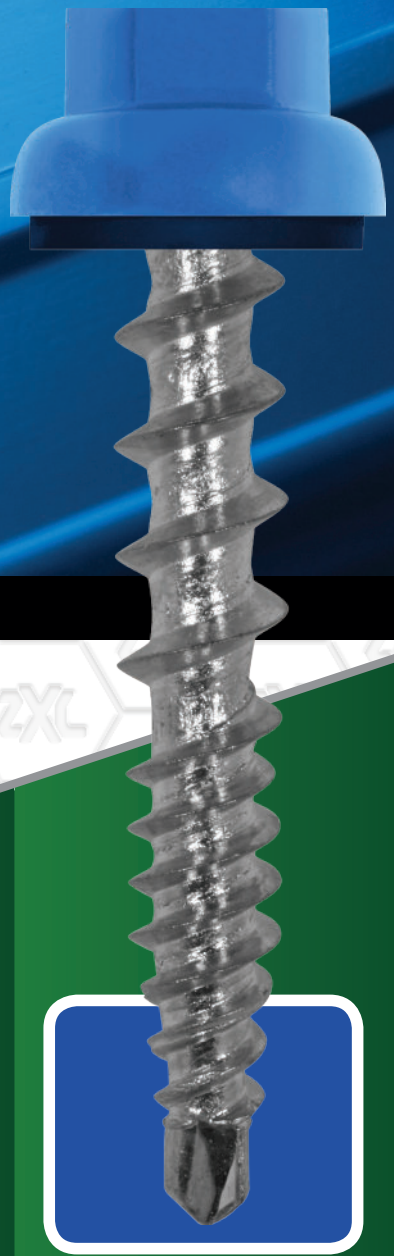
ZXL™ MB™ WoodBinder®

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



40 YEAR WARRANTY LONG LIFE

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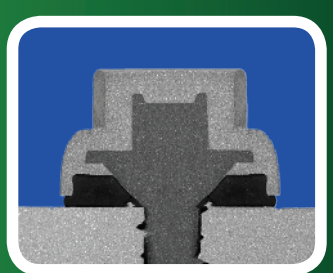
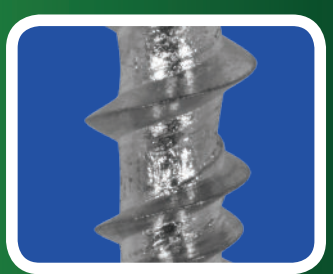


ZXL™ NO RED RUST ZAMAC DIE CAST HEAD



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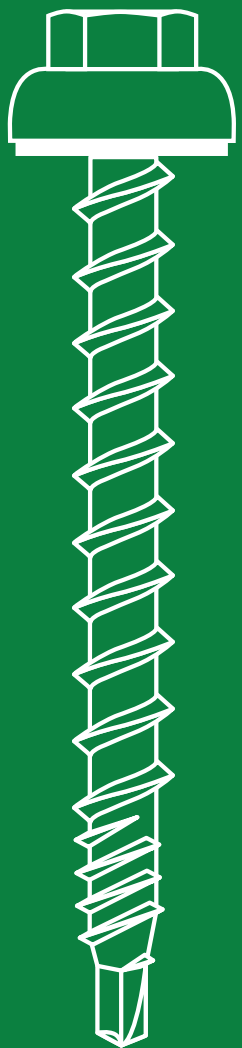

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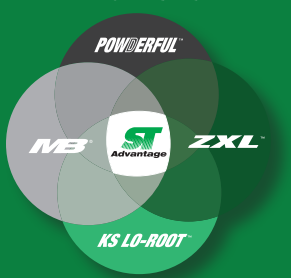

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Powderful™
Powder Coat Process

Competitors
Wet Paint Process

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ZXL™ NO RED RUST ZAMAC DIE CAST HEAD

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.

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.

ZXL™
No Red Rust
Zinc Die Cast
Molded Head

Competitors
Wet Paint Process over Carbon Head

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.

KS LO-ROOT™ PATENTED XTREME HOLD THREAD DESIGN

Thread Features

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