Storage & Handling

Protecting galvanized steel framing from delivery to installation

Most coating damage and white rust happens on site, before installation. These steps keep material in specification.

Delivery and unloading

- Plan unloading equipment and access before delivery; bundles of long or heavy members may need a forklift with long forks or a spreader bar.
- Inspect on arrival: count bundles, check labels against the order, note visible damage on the delivery receipt and photograph it.
- Lift bundles at the strapping points or with slings at quarter points; do not drag bundles or drop them.

Storage

- Store off the ground on level dunnage spaced to prevent sagging, with one end slightly raised so water drains.
- Cover with breathable waterproof sheeting; allow ventilation to avoid condensation under the cover.
- Keep away from wet concrete, mortar, de-icing salts, treated lumber, fertilizer and other corrosive materials.
- Do not stack heavy material on light-gauge bundles; keep bundles banded until use.
- If bundles get wet, open, separate and dry them promptly to prevent white rust (wet storage stain).

Handling

- Wear cut-resistant gloves and eye protection; edges of cut members are sharp.
- Carry long members with two people or a cart; avoid bending lips and flanges.
- Cut with shears, nibblers or cold-cut saws; abrasive cutting creates hot sparks and burned edges.
- Touch up cut ends and coating damage where the specification requires it.

Recognizing damage

Condition	What it looks like	Action
White rust (wet storage stain)	White powdery deposit, often between nested members	Light: dry and ventilate. Heavy or red rust underneath: set aside and ask us
Red rust	Brown/red spots, coating consumed	Do not install; report with photos
Mechanical damage	Bent lips or flanges, kinks, crushed webs	Do not install damaged members
Wrong material	Label or ink-jet code does not match the order	Stop and contact us before installing

Claims for visible damage or shortages must be noted on the delivery receipt; other claims in writing within 3 business days (see Terms of Sale).