

Fact Sheet – White Rust



- White rust or white storage stain is the white or grey deposit formed on the zinc coating when newly galvanised steel products are closely packed and stored under damp and poorly ventilated conditions.
- It is manifested as a bulky, white, powdery deposit that forms rapidly on the surface of the galvanized coating and can cause considerable damage to the coating and is always detrimental to the galvanized coating's appearance.
- If treated early most white rust can be easily removed with no significant long term damage to the underlying zinc coating.
- If left for a period white rust will consume the zinc coating that protects the steel.
- How to preventing White Rust
 - Limit exposure to moist air, salt, or condensation
 - Store the product at a slight angle to allow any moisture to run off
 - Store as individual products to allow air flow
 - Keep the product off the moist ground
 - Inspect and keep the product clean and dry
 - Don't use tarps for long term storage
 - Use seasoned wood or plastic for packing between products
 - Treat the surface with water repellents or barrier coatings to prevent moisture contact with galvanized surface
 - If white rust is present, remove with a stiff nylon brush or with a rag soaked in methylated spirits or Lime juice or white vinegar.

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