

ROOFING & PROFILE (FIJI) LTD.

Build With Confidence

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Material Storage Guide to Avoid Wet Storage Stain.

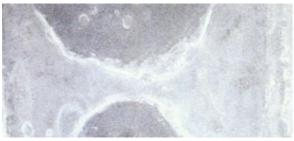
Dear Valued Customers

All Metal Cladding, Accessories & Purlins should be kept dry before installation, including during storage on the roof structure. Please note that it should not be assumed that because the cladding/purlins will be eventually installed out in the weather, therefore protection is not required. Dry storage is required at all times.

What is Wet Storage Stain?

Wet storage stain (Figure 1) is a white or Grey powdery deposit that can develop on new Colorbond & Galvanized also black stain on Zincalume. It may be found on stacked products where moisture gets trapped between materials, restricting adequate airflow.

Water (moisture)

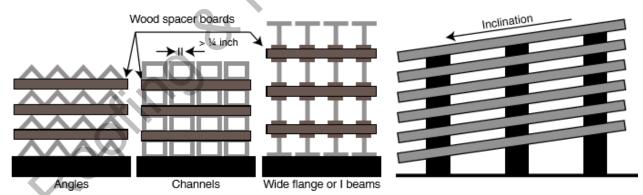




Zinc Coating Low O Concentrations High O2 Concentrations Cathodic Reaction: O₂ + 4e⁻ + 2H₂O — → 40H⁻ Anodic Reaction: Zn ----> Zn++ + 2e-(Figure 2)

(Figure 1)

Wet Stain can be avoided if Proper Storage is practised. Inclined, cross stacking or well-spaced storage allows air to circulate to help keep material in prime condition. If timber packer is used, ensure timber is dry. Any contact with wet concrete should be avoided. If you cover any materials with Tarpaulin, allow air to circulate. Poor storage could result in spoiling the surface appearance & severely reducing service life.



Knowing that roof cladding, accessories and purlins will be stored on site for more than one week before installation, consideration should be given for proper storage to avoid any formation for wet storage stains.

Note: Pre-painted sheets will also deteriorate if they remain wet as moisture can cause paint softening and sheets may exhibit paint bubbling. Aluminium, copper, zinc and stainless steel will all be permanently stained if left wet or if stored in this condition.

Roofing and Profiles will not take any liability if stain or rust is formed on site due to improper storage. Should you need additional guidance and clarification please contact us.