

METAL ROOF ACC.DWG REV: DEC 7 '23

Recommendations for Application of Metal Roofing and Siding

IMPORTANT NOTICE:

- Due to the coating process, plain galvanized and galvalume steel panels may vary in their brightness and size of zinc spangle.
- When ordering galvanized pre-painted panels, it is always preferable to order all items of the same colour at the same time to avoid slight colour differences between batches.

STORAGE:

Moisture, condensation, wind driven rain can cause water stains, on stacked galvanized and pre-painted steel roofing and siding during storage.

- At reception of metal cladding, polyethylene wrapping must be taken off to avoid any condensation.
- Storage time should be minimized by installing cladding panels as soon as possible after delivery.
- If cladding must be stored for an extended period, the ideal storage place is under a roof in a cool, dry, well ventilated area.
- When outdoor storage is unavoidable, the following is recommended :
 - a) Use good quality covers other than plastic, loosely shrouded over stacks and firmly anchored to prevent wind blow-off.
 - b) Tilt bundles for drainage.
 - c) Block bundles off the ground for effective ventilation and drainage.
 - d) Store away from chemically aggressive substances (e.g. salt, cement, fertilizer) and away from materials that could contaminate the surface (e.g. diesel, oil, paint, grease).

CUTTING:

- Snips, nibblers are ideal for cutting metal roofing and siding.
- A high speed disc cutter (hand power saw) is not recommended, but if the tool must be used on material that will be exposed cut only one sheet at a time, exposed side down, away from other sheets and do not force the cutting disc. Roofing and siding sheets should be wiped off to eliminate metal residue from the surface of the sheets.

STRAPPING:

Refer to product load tables for support spacing or consult our offices.

METAL ROOFING FOR RESIDENTIAL USE:

- Steel roofing should be installed over a solid backing (e.g., plywood, OSB). Remove existing asphalt shingles and inspect the solid sheathing before installing the steel roof. Use underlayment, such as "Ice & Water Shield" on the first three feet from the eaves and roofing paper, such as "Typar" or "Tyvek" or others on the remainder of the roof.
- For re-roofing over existing shingles, install strapping (purlins) (1"x4") over the shingles (consult our offices for the spacing for the strapping). Note that some steel roofing products cannot be installed on strapping (purlins).
- In the case where wood strapping is fastened directly to the rafters (with no solid sheathing), an air-barrier such as "Typar", "Tyvek" or others should be installed underneath the steel roofing for added protection in case of condensation.



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