

Galvalume Sheets-Colour coated

Specification:

Supply of colour coated galvalume Hirib profile sheet of nominal 1000 mm width and 30 mm deep ribs with subtle square fluting in the five pan at nominal 200 mm centre-to-centre. The plain sheet width without profile shall be 1220mm. The end rib shall be designed for anti-capillary action, to avoid any seepage of water through the lateral overlap. Total Painted thickness of sheets to be 0.50 mm TCT. Hi-strength steel with minimum 550 MPa yield strength, metallic hot dip coated with Aluminium-Zinc alloy (55% Aluminum, 1.6% silicon and remaining 43.4% Zinc) as per A792/A792M, AS 1397 -Zincalume AZ150/AZM150 (Min. 150 gms/sq.mt total on both sides). The paint shall have a total coating thickness of nominal $35 \pm 3 \mu\text{m}$, comprising of nominal $20 \mu\text{m}$ exterior coat on top surface and nominal $5 \mu\text{m}$ reverse coat on back surface over nominal $5 \mu\text{m}$ primer coat on both surfaces of approved colour/shade. The paint Coating Type should be Silicon Modified Polyester (SMP). The raw material of painted roll should be procured for either JSW steel/Bhushan steel/Tata BlueScope steel. The test certificate for the following chemical and mechanical properties like

- Total thickness of sheet
- Chemical composition
- Tensile/yield strength
- Paint coat thickness on both sides
- Aluminum, silicon & Zinc coating weight

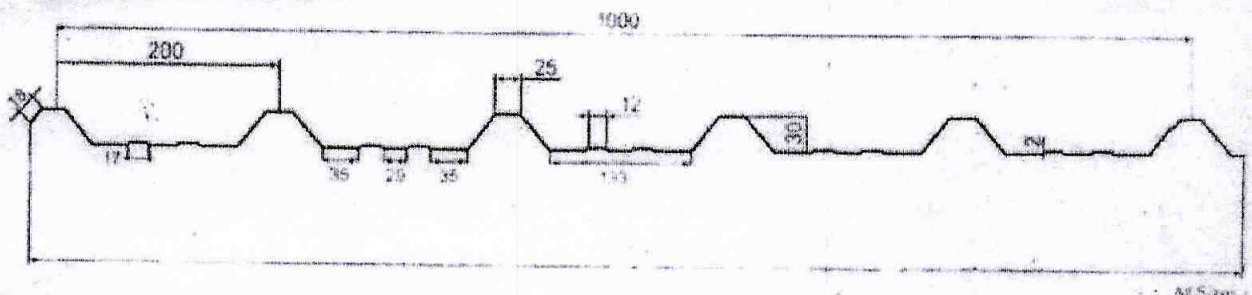
must be submitted for approval to Engineer-in-charge by sheet manufacture. The sheet should have temporary protective guard film of 25 microns (minimum) to avoid scratches while transporting & handling.

Note: The steel sheet shall have brand marking on the sheet indicating product details, date, manufacturer name etc.

Colour: Taurus Blue (or) similar colour on top side (JSW 0020) & Epoxy lite grey on bottom side

Unit: Square Meter

Trapezoidal Profile - II



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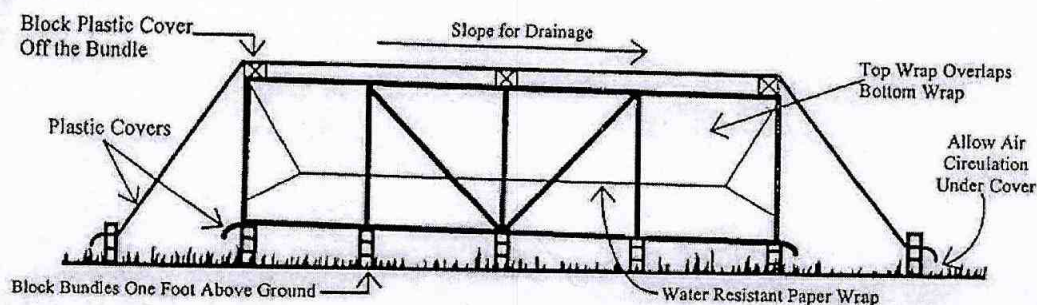
INSTRUCTIONS – Handling of the Material

1. Use Nylon /fiber felts for handling. Do not use Steel wire rope/chains for lifting/downloading/moving.
2. Use cushioning (wood/rubber) at bottom & secure lashing and dunnaging while transportation.
3. Do not transport materials with water/chemicals etc.
4. If received in wet and damaged packing, the items shall be unpacked, dried and repacked.

INSTRUCTIONS - STORAGE AT THE JOB SITE

If panel bundles are stored outside, the following list of requirements should be adhered to:

1. The storage area should be reasonably level, and should be located to minimize handling of bundles during the construction process.
2. When storing on bare ground, place a plastic ground cover under the bundles to minimize condensation on the panels.
3. Store bundles at least 12 inches above ground level to allow air circulation beneath the bundle, and to prevent rising water from entering the bundle.
4. Elevate one end of the bundle slightly to permit runoff of moisture from the top of the bundle or from between nested panels. Water-resistant paper will not provide long-term resistance to moisture penetration from puddled water on top of the bundle. A waterproof cover should be placed over the bundles, with allowance for air circulation under the cover (see Figure 1).
5. Inspect stored bundles daily and repair any tears or punctures in the water-resistant wrapping with a compatible waterproof tape.
6. Re-cover opened bundles at the end of each day to prevent entry of moisture.



(Figure 1)

(sign and stamp of vendor accepting the same)

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