



केन्द्रीय भण्डारण निगम
(भारत सरकार का उपक्रम)
Central Warehousing Corporation
(A Government of India Undertaking)

CWC/II- 14A/Const./477

DT: 03.08.2018

Circular

**Sub: Replacement of Asbestos Corrugated sheets(AC sheets)
by Galvalume steel sheets -reg.**

CWC warehouses have been constructed since last five decades onwards with provision of AC sheets roofing prevailing in use at that time. These have out lived its life. AC sheet is known carcinogen, a health hazard and it has been banned in the developed countries.

Galvalume pre-coated steel profile sheets are corrosion free, have useful life about 25-30 years, it is fit and forget type of roofing system with little/no maintenance. Studies have shown that Galvalume which is a green initiative, is helpful in maintaining inside temperature of the warehouse below the outside temperature, which is beneficial for Foodgrains.

Keeping in view the above benefits, Competent Authority has decided to use Galvalume sheets in new works and in the replacement works of old AC sheets roofing henceforth. The approved item of providing & fixing pre-coated Galvalume steel sheets roofing is enclosed at Annexure-I.


(R.S.Raperia)

Superintending Engineer

Copy to:

1. The GGM(F&A), CWC, CO, New Delhi.
2. All RMs, CWC, RO, _____.
3. All the CC Heads at Kolkata/Delhi/ Chennai/ Navi Mumbai.
4. The EE(Vig.) , CWC, CO, New Delhi.
5. All EEs/AEs, Engineering Division, CO, New Delhi.
6. PPS to MD/ PS to Dir(MCP)/SAM to Dir(Fin.), CWC, CO, New Delhi.
7. Circular File No.CWC/IV-14B/Const.

Annexure-I

Providing and fixing pre-coated galvalume profile steel sheets with the depth of 30 mm and pitch of corrugation 200 mm (Colour and shape of profile as approved by the Engineer-in-charge), 0.60mm(TCT) total coated thickness (tolerance as per relevant IS code), material yield strength 550 MPa, galvalume AZ-150 (zinc aluminium alloy coating nominal composition : 55% aluminium, 43.5% zinc & 1.5% silicon mass total of both sides) with regular modified polyester paint and coating of 20-25 micron RMP on exposed surface including primer and 7-10 micron epoxy coating on unexposed surface including primer. The sheet should be supplied in single length as desired by Engineer-in-charge. The sheet shall be fixed using self drilling / self tapping screws of size (5.5X55mm) with EPDM seal excluding the cost of purlins, rafters and trusses and including cutting to size and shape wherever required. All screw should be sealed with silicon sealant.


03/07/2018
(S. Tripathi)

Executive Engineer