

NOTES ON WOOD TREATMENT PROCEDURE

Through pressure treatment deeper and more uniform retention of preservatives can be obtained and the retention of preservatives can be closely controlled.

Initial Vacuum : Minimum 25 in Hg (635 mm Hg) for 30 minutes.

Flooding : Done whilst maintaining initial vacuum the cylinder shall be flooded with preservative solution.

Pressure : After flooding apply pressure of 180 to 200 psi for 60 to 120 minutes.

Final Vacuum : Minimum 25 in Hg (635 mm Hg) for 30 minutes.

CCA (Copper – Chrome – Arsenic) and also Wolman CA-B (Actives : Copper Azoles) are the preservatives formulation for the treatment of timber.

Different applications may require different amounts of preservative protection. Below are the standards of the 'American Wood Preservers Association' (AWPA) for the two copper azole formulations.

AWPA Retention Standards

Intended End Use	Copper AZOLE CA – B	Typical Applications
Exterior Construction Above Ground	0.10	Decking, deck joists, railings, fence pickets.
Ground contact or Fresh Water	0.21	Fence posts, structural lumber & timbers, guard rail posts, utility poles in low decay regions.
Ground Contact, or Fresh Water or important structural components	0.31	Permanent wood foundations, sawn & roused building poles, utility poles in moderate decay regions.

Note : Costing for Treatment of wood is Tk. 250/= (approx.) per cft of wood.

- Not suitable for saltwater use.
- Odorless
- Active ingredients :
 - Recycled Copper (Protects against termites and fungal decay)
 - Azole (protects against copper tolerant fungi)