



CCB DATA SHEET

Copper chrome Boron (CCB) is one of the best alternatives to CCA wood preservative.

CCB is approved by American wood preservers association and confirms to IS 10013-Part III (1981). Our wood preservative CCB type is tested by National Test House, Kolkata

CCB is fix type water borne wood preservative which provides fine protection to various wood damaging insects and factors.

CCB is used in vacuum pressure method for best results.

CCB is very effective against wood borers, fungi, decay, marine organisms and termites and protects wood for a long time which is highly exposed and is in ground contact. CCB is safe to human being.

CCB is suited for exterior use where as Boric Acid treatment is suitable only for interior use. Due to its high leachability boric acid retains the natural color of the wood where as CCA gives an undesirable greenish yellow color to the wood.

The preservation is generally carried out by impregnation under pressure and vacuum in cylindrical chambers. In vacuum pressure process the timber is subjected to an initial vacuum followed by pressure treatment and a final vacuum. It is ideal for deeping process also. Copper chrome boron is typical mixture of copper compounds, chromate compounds and boric salt

For more information ask for product MSDS.

Method of application - Vacuum pressure treatment. It can also be used in deeping process.

Dosage - Approx. 5% for indoor wood treatment. Approx. 8- 10% for outdoor wood treatment. Be careful that the moisture content must not be over 18-20%. It is very essential to let the wood dry in open air condition at least for 72 hours. This may vary as per environmental conditions.

Pl. note that these are recommended dosage which may vary for different wood species. The user must consult his consultant.

Why CCB:

Broad spectrum activity.

Low mammalian toxicity.

Cost effective

Easy to analyze and to determine penetration.

Slows photo degradation by U.V. radiation and water.

Fungistatic and fungicidal.

Prevents fungal spore germination.

Reacts with many of the components on the fungal cell walls and within fungal cell walls.
Inhibition of extracellular enzymes responsible for the destruction of lignocellulosic wood components.

Physical properties

Form	Paste
Color	Orange to red
Solubility in water	Soluble
Packing	70 Kg HDPE drum

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