



## **Indian Standard IS 15786:2008 – Prelaminated Cement Bonded Particle Board**

**Prelaminated Cement Bonded Particle Boards** are increasingly being used nowadays in various constructions works – **Household and Commercial**.

IS 15786:2008 gives the **technical specification** for Prelaminated Cement Bonded Particle Boards. It also classifies the boards into 3 types – I, II and III.

Prelaminated Cement Bonded Particle Boards find wide applications for general as well as special purposes. The boards are manufactured **by laminating a Cement Bonded Particle Board with synthetic resin impregnated Base Paper and pressing with or without the application of heat**.

Type-I boards are meant for horizontal applications like flooring, cash counters, restaurant table tops etc. Type-II boards are useful for normal office table tops, domestic furniture tops etc while Type-III boards are meant for vertical applications like paneling, partitioning and false ceilings.

This Indian Standard specifies the various **requirements** of this product such as **Density, Moisture content, Water Absorption, Tensile Strength, Abrasion resistance, Resistance to Steam and Crack** etc. **Resistance to stain and strength requirement using Elasticity and Rupture** as well as **Dimensional** requirements are also specified by this Standard.

In Summary, IS 15786:2008 ensures that the Standard (ISI) marked Prelaminated Cement Bonded Particle Boards meets the **requisite dimension, tensile strength and is suitable for the purpose** they are manufactured for, according to their types.