

TECHNICAL PROPERTIES

SEPTEMBER 2025

1. Product Description

IBS Builders Grade® Plywood is manufactured with a Radiata Pine face and core, offering a balance of durability, workability, and visual appeal.

It is grit-sanded for a smoother finish, making it ideal for paint, stain, or sealant application.

The plywood is bonded with a phenolic “A” bond marine-grade adhesive, providing strong moisture resistance suitable for both interior and exterior use in non-structural applications.

Available in a range of thicknesses from 7 mm to 21 mm and in 2400 × 1200 mm sheet sizes, the panel maintains dimensional stability and strength.

IBS Builders Grade® Ply is produced to Super E0 formaldehyde emission levels, contributing to improved indoor air quality.

While it is not structurally certified, it is tested and meets CE-EN 13986, US PS1-09, and Japanese JAS standards for general-purpose plywood.

This makes it a reliable and sustainable option for use in cabinetry, lining, boxing-in, general construction, and other non-certified building projects.

Non-Bearing Applications

IBS Builders Grade® Plywood is specifically designed for non-structural and non-load-bearing uses where durability, versatility, and a clean finish are important. With its Radiata Pine face and core, grit-sanded surface, and phenolic “A” bond adhesive, it offers moisture resistance and stability while remaining easy to cut, paint, stain, or seal.

Typical non-bearing applications include:

Cabinetry and Shelving – A smooth surface and stable core make it ideal for furniture and storage solutions.

Wall and Ceiling Lining – Provides a neat, paint-ready finish for interior spaces.

Boxing-In and Concealment – Useful for enclosing services, ducting, or framing where structural certification is not required.

General Fit-Out Work – A versatile option for decorative or utility purposes in residential and commercial projects.

Because it is not structurally certified, IBS Builders Grade® Plywood should not be used in load-bearing or structural applications. However, its compliance with CE-EN 13986, US PS1-09, and JAS standards ensures it remains a safe and reliable choice for a wide range of non-certified building projects.