



Know your plywood

Plywood is an important structural and decorative building material. World over, it is accepted as an alternative to solid timber.

But most of the people are ignorant about it .when they build a house or furnish it , they leave the decision on selecting the wood to carpenter who has little or no knowledge of engineered wood products and their technologies

It is not their fault alone: low quality, low priced products which have flooded the market, have further dented the image of plywood. When these products develop powdering problems, warp and twist or delimitation and fall to meet the customer expectation, he would never opt for plywood again

The fact however, is that quality plywood is superior to other wood based materials of comparable density

We will say why

UNIFORM STRENGTH

Plywood has cross-grained construction when grain direction of adjacent layers or plies are perpendicular to each other. This results in strength properties equally distributed in all four directions of the plywood panel =. In solid wood however the strength lies essentially along the grain in the most applications, plywood manufactured with a selected mix of timber species can replace solid wood



Physical and mechanical properties

When it comes to water resistance, dimensional stability, nail and screw holding strength and other mechanical and physical properties, plywood is far superior to other composite wood panels such as particle boards and MDF

ECO-FRIENDLY

When you use plywood to make a piece of furniture you use 60 percent less wood, compared with solid wood, this is because plywood, unlike solid wood, comes in regular shapes and sizes and is fully utilized



RENEWABLE

Plywood is fully renewable forest resources unlike plastic and metal substitutes

WHY QUALITY PLYWOOD?

When you use low-quality, low priced plywood they throw up problems sooner than later. They are too serious to be ignored. The most commonly detected defects of such plywoods are:

DELAMINATION OR STRUCTURAL COLLAPSE

The bonding between the plies is the most important factor in the life of panel board. When poor quality variables are used in the manufacturing process, this bonding becomes weak and the plies come unstuck or separate from each other.

At western India plywoods, we use the best of raw materials. To ensure quality samples from every batch of plywoods and block boards are tested for conformity of its bonding strength at government-recognized authorities.

WARPAGE

Poor quality plywood panels often twist and bend. Assume grotesque shapes, marring the overall appearance of carefully planned interiors. This is due to varied reasons such as poor moisture control, incompatible mix to timber species or an unbalanced construction of the plies.

At the Western India plywoods, only moisture-controlled veneers (8 percent at the time of manufacture) are use In a balanced construction. Additionally every panel is humidified and moisture-balanced before dispatch. Plies of only species that are proved compatible are used.

TERMITE AND BORER ATTACK

Termites and borer beetles attack plywood panels of poor quality plywood, forming characteristic mud-tunnels. Mounds of fine or granular powder are seen under such panels

At Western India Plywood's, only timber species which can resist termites and borer beetles are used. Additionally, every panel undergoes a twin stage anti-pest treatment.

So next time you go for wood work, make an informed decision

WESTIND PLYWOOD PANELS.

Your wise alternative to hard wood next time.