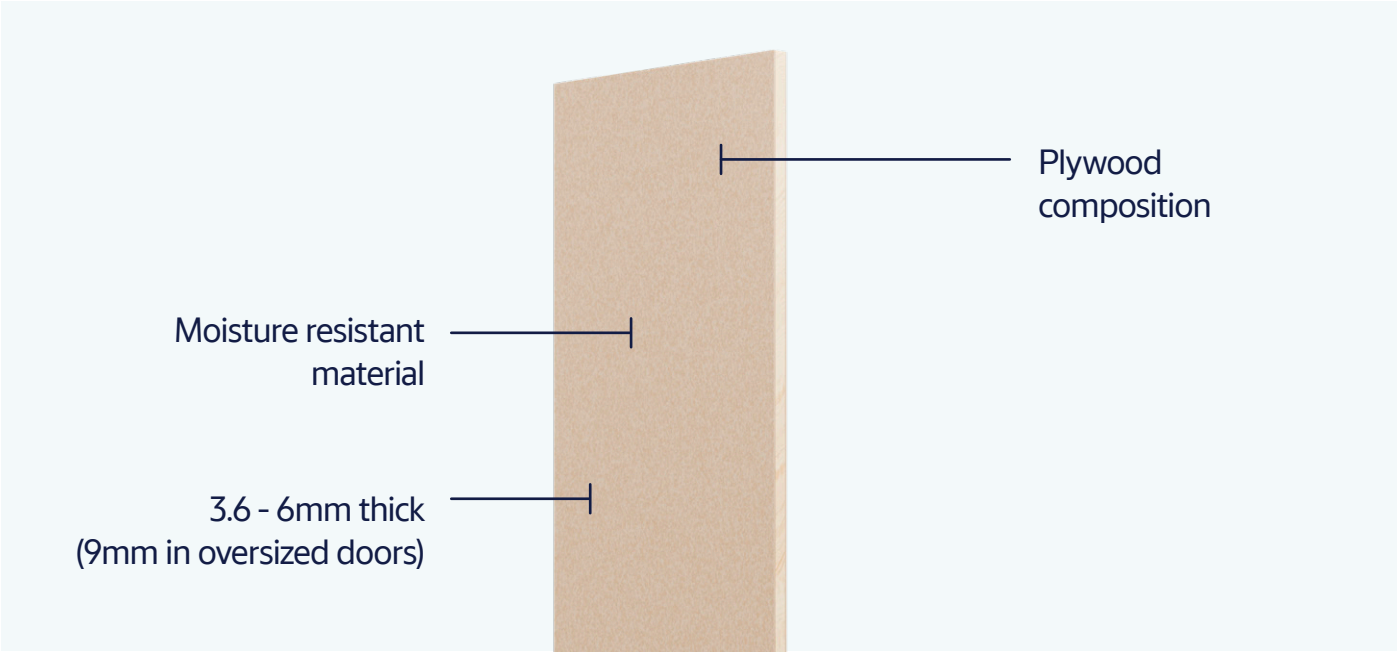
Ply Skin



Performance

Moisture Resistance
Plywood has natural hydrophobic properties. Its inacceptance of moisture makes it suitable to withstand the moisture exposure of wet areas like bathrooms.

Strength
Ply has a higher material rigidity than MDF. As such, it is robust in holding form against direct impact.

Natural Finish
The organic visual finish of plywood is often sought after for its natural patterns and warmth. This makes for an alternative to painting as the door skin can be stained instead to retain the natural plywood look.

Rating

Fire-Rated:
3.6mm Ply is compliance for application to particular configrations of Spence Doors' fire-rated doorsets. FR Ply is also available to permit further fire-rated configurations.

Variants

Standard Ply
The industry-standard grade and treatment of Ply suited for most applications.

Marine-Grade Ply
A variant of plywood manufactured for extremely high-moisture settings as the resin used to bond the material withstands extreme and consistent moisture. This is reserved for coastal or industrial settings.

FR Ply
A variant of plywood specially engineered for fire-resistance.
The standard ply is already applicable on various configurations of Spence Doors' fire-rated doorsets, however this variant permits additional doorset configurations.

Material Grade Variations
Grades of plywood vary in the quality of wood. Each increase in grade hosts a better aesthetic finish with A-grade representing the highest quality.
A mixture of grades may be used for cost-saving. For example, the front/exterior side may be A-grade for a premium finish whilst the inisde/interior which will not be seen may be C-grade.

Finish

Plywood surface is a rougher texture than MDF and so is not as aesthetically pleasing for application in common areas. The grain texture also takes additional time to paint (relative to MDF) as coating adherence is not as high.

