



Information Sheet No. TFD-2021-18

DOOR COMPONENTS

There are several different components that make up a door, below we will explore some of the options available.

Door Cores

General Description

The internal portion of the door, there are several types of door cores available depending on your requirements, e.g. whether the door is to be internal or external and whether fire rating is required.

Applications

- Fire rated – Used in doors that require fire rating.
- Solid core – Generally used in external doors but can be used throughout whole buildings depending on specifications.
- Hollow core - Hollow core doors provide a lighter option to solid core doors, filled with a cardboard honey comb structure to provide structural support.
- Poly core - Providing the strength of a solid core but the lightness of hollow core, made from polystyrene.

Door Facings

General Description

The exterior portion of the door, as with the core there are several options for door facings depending on your requirements.

Applications

- Metal clad – fully enveloped in Colorbond or stainless steel sheet. Ideal for exterior applications or where extra security is required.
- Ply - Ply skin is applied to both side of the door.
- MDF - MDF skin is applied to both sides of the door.
- Veneer - Similar to ply and MDF the Veneer is applied to both sides of the door but veneer is suited when a timber finish is required. Can be options of many different types of timber suitable for varnishing.
- Duracote - A preprimed tempered hardboard (often referred to as green board) good option for painting.

For further information, please contact