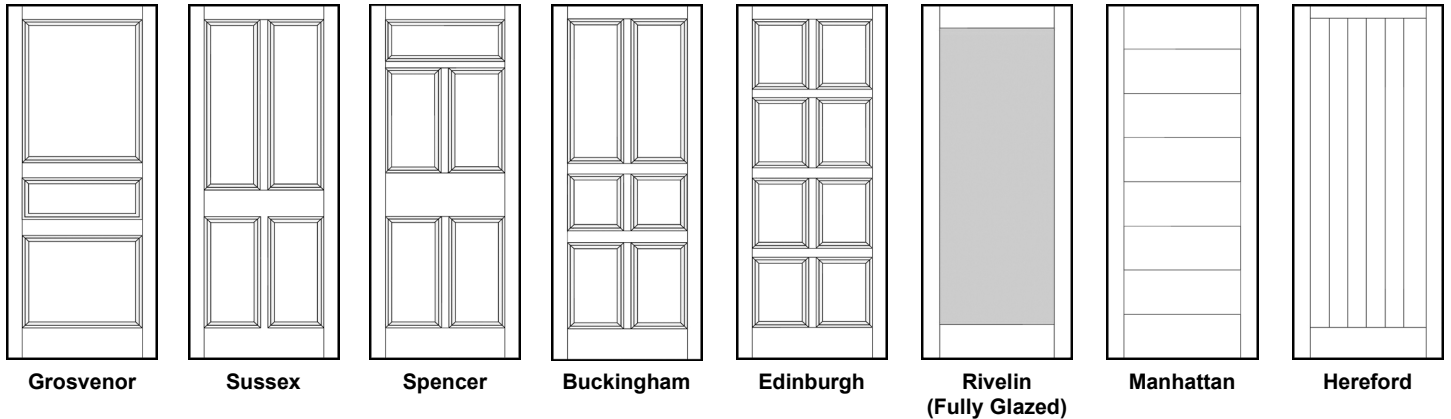


110 - Panelled Doors - Details & Performance

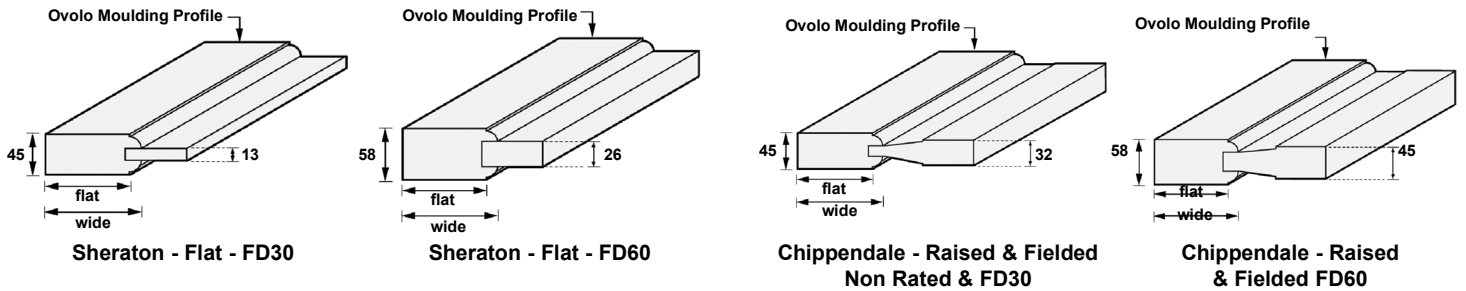
Door Styles

Solid timber hardwood doorsets can come in a number of different styles and constructions to suit various applications in the exclusive hotels, exclusive homes, commercial and heritage markets. Below are just a few examples of typical door styles Longden can accommodate.



Panels (Flat Panel or Raised & Fielded)

The flat panels within the Sheraton range are manufactured from high performance materials, the flat panels are tongued into grooves within the framings; they are typically 13mm thick for FD30 doors and 26mm thick for FD60. The Chippendale/Copeland raised and fielded panels are tongued into grooves within the framings and are typically 32mm thick for non-rated and FD30 doors and 45mm thick for FD60 doors. Panels can be either fully glazed or solid timber.



Other Door Components

In addition to door style and panel type, the visual characteristics of a panelled door are also determined by any profile mould applied to panel edges of framings. Applied mouldings can be added to provide extra details to panels either flat or raised and fielded. Longden timber doors can be supplied with matching frames or as factory pre-hung doorsets. Additional joinery items such as dado mouldings, skirtings and architraves can all be included in the specification. We offer a range of ironmongery, flush fitting ironmongery can be supplied factory fitted whilst protruding ironmongery items are supplied loose.

Performance - Fire Resistance & Sound Reduction

*Note: Based on Glass Performance	Panelled						Boarded		Rivelin		
	Sheraton			Chippendale/Copeland							
Fire Performance to BS 476 Part 22	Non Rated	FD30	FD60	Non Rated	FD30	FD60	Non Rated	FD30	Non Rated	FD30	
Suitable for Internal Use	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
Suitable for External Use	Yes	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
Thickness	45-58mm	45-58mm	58mm	45-58mm	45-58mm	58mm	45mm	45mm	45mm	45mm	
Smoke Control	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
Sound Reduction	Standard Seals	30 RwdB*	30 RwdB*	30 RwdB*	30 RwdB*	30 RwdB*	30 RwdB*	No	No	30 RwdB*	30 RwdB*
	Acoustic Seals	38 RwdB*	37 RwdB*	No	38 RwdB*	37 RwdB*	No	No	No	35 RwdB*	35 RwdB*

