

# Russell Timber Technology Data Sheet

## Designer Oak Insulated French & Patio Door Sets

Impressive, Clear-Faced Oak With A Luxury Finish

### Overview

Russell Timber Technology **Solid Oak Doors** offer a classic finish exuding quality for the ultimate entrance to a home. The range combines **superior appearance with superior performance**, to represent quality insulated entrance doors to suit specific project needs.

Our **QTE 7 and QTE 8 French and Patio Doors** come in many guises to capture air and light creating new dimensions of vision and space.

For peace of mind this product range incorporates a **Gemini 5 point locking system** and achieves **U-Values of 1.1 W/m<sup>2</sup>k** or better, glass dependent.

Exceptional **U-Values of 0.7 W/m<sup>2</sup>K** can be achieved with a fully triple glazed product.



Double or Patio Door Sets are offered in most of our external insulated door set designs as inward or outward opening.

### Secured by Design



Police Preferred Specification

Sidelights and fanlights can be included as part of an integral unit.

These Solid Oak products are complemented by a full range of window types in oak: sliding sash, fully reversible or tilt and turn - and not forgetting handsome **Oak Folding doors** for both internal and external use.



All Oak products are manufactured from timbers with certified FSC Full Chain of Custody.

Certified to **Secure By Design**, a spy-hole is required if opaque glazing units are used in front door sets.

All products and production are subject to continuous development. The company reserves the right to amend details and sizes without notice

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Company Registration: SC045289 | VAT No: 260 8552 57 | Data Sheet Ref: PDS 021-01 / 14.04.14

**RUSSELL**  
Timber Technology  
Engineered to excel

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### Specifications

- **High energy efficiency - U-Value to 1.1 W/m<sup>2</sup>K**
- 58mm insulated composite door with PIR insulation \*
- **Manufactured in laminated European OAK**
- **UNIQUE** Insulated Mortise & Tenon jointed doors \*\*
- Hung in a 80x57mm Laminated European OAK frame - manufactured from the solid. Incorporating a continuous all round Aquamac 21 weather gasket
- High Security French Door Fullex Gemini locking system.
- Kitemarked anti-bump Euro Profile Cylinder with 3 keys
- 1 ½ pairs of Heavy Duty Hi-load Lift Off Hinges - Chrome
- Standard Chrome handles with integral escutcheon back plate
- Obscure glass is Satin as standard (sand blast effect)
- Low level cill in or out open – Timber drip on door.
- Fully Factory Finished using Standard or RAL/BS colours

\* The PIR insulation achieves an A+ rating under the BRE Green Guide. It is manufactured without the use of CFC or HCFC. It has Zero Ozone Depletion Potential and a GWP of <5.

\*\* The combination of insulation and mortise and tenon is unique to Russell Timber Technology. It is a traditional and strong method of jointing two pieces of timber together to withstand the ravages of life long usage.

### Product Codes

- **QTE 7 Solid Oak Insulated French & Patio Doors: 7odi**  
(Insulated DOUBLE OAK door)  
panelled both sides
- **QTE 8 Solid Oak Insulated French & Patio Doors: 8odi**  
(Insulated DOUBLE OAK door)  
lined & grooved externally, panelled internally

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### Styles

Designs with multi-glazing units will have timber astragals complete with back to back spacer as standard. **Chrome** ironmongery as standard with alternatives available. **Satin obscure glass** as standard (sand blasted effect).

