

# Russell Timber Technology Data Sheet

## Designer Oak Insulated External Door Sets Standard & Automated For Assistance

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.

A comprehensive range of designs to add classic or contemporary detail to a home can be selected from those within our **Insulated External Door Ranges QTE 7 & QTE 8**.

Doors can be manufactured to oversize dimensions and accompanied by impressive sidelights, fanlights or screens. Double Doors or Door and a Half configurations are also available.

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.



Warmth and security are paramount with **U-Values to 1.1 w/m<sup>2</sup>k** and **Secured by Design** certification. All Oak products are manufactured from timbers with certified **FSC Full Chain of Custody**.

### Automated For Assistance

Where door sets are required for **Automated Assistance** (ie automated locks for locking and/or release required for the frail, elderly or other circumstances) all door designs can be offered. This is particularly suited to buildings with lower density occupation.

A 12v motor and power supply unit together with 2m of transition cable and appropriate locks are supplied, usage dependent.

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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**RUSSELL**  
Timber Technology  
Engineered to excel

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#### Specifications - Standard To Range

- 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 \*\*
- Kitemarked anti-bump Euro Profile Cylinder with 3 keys
- 1 ½ pairs of Heavy Duty Hi-load Lift Off Hinges - Chrome
- Standard Chrome Handles - handle 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.

Secured by Design



Police Preferred Specification



#### Specifications - Standard

As above Standard To Range, but including:

- Hung in a 80x57mm Laminated European OAK frame - manufactured from the solid. Incorporating:
  - a) A continuous all round Aquamac 21 weather gasket
  - b) Adjustable metal security keeps
- High Security 3 point locking system to DIN 18103.

#### Specifications - Automated For Assistance

As above Standard To Range, but including:

- Hung in a 80x57mm Laminated European OAK frame - manufactured from the solid. Incorporating a continuous all round Aquamac 21 weather gasket
- High Security AV2 or AV2E – 2 hooks & Latch
- Additions when using AV2E
- 12v motor & power supply unit
- Cable Transition cable with 2m of cable

#### Product Codes

- **QTE 7 Solid Oak Insulated External:** 7osi (panelled both sides)
- **QTE 8 Solid Oak Insulated External:** 8osi (lined & grooved externally, panelled internally)
- **QTE 7 Solid Oak Automated For Assistance:** 7oa AV2 (panelled both sides)
- **QTE 7 Solid Oak Automated For Assistance:** 8oa AV2 (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).



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