

W8 TIMBER DOORS



Timber doors are made in various sizes, wood types and shapes depending on the specification required. They are of varying quality, from simple hardboard internal doors to more desired pine doors, reclaimed panel doors, external hardwood doors and specialist hardwood display doors. Most doors are mass produced, whereas some are made-to-measure to suit a particular architectural finish. Some doors will incorporate glass or glazed units. Beware of fire doors clad with asbestos insulation board.

Timber Doors Wood 17 02 01

WASTE STREAMS

DISPOSAL

The landfilling of timber doors may be the only option where the material is contaminated, badly damaged or in small pieces.

RECOVERY

Timber doors can be segregated from other materials and sent to an incinerator for energy recovery. Timber doors not contaminated with oils, paints or preservatives may be chipped or composted.

RECYCLE

Timber doors can be recycled where it is not contaminated and where there is a market opportunity for the materials to be used as feedstock in new products, not necessarily for construction.

RECLAIM

Timber doors in good condition, clean, uncontaminated, easily removed and of value should be set aside for reuse in construction, especially those doors with architectural or ornamental features.

USAGE & PROBABLE LOCATIONS

Timber doors are found throughout buildings and landscaped areas. They are used for access and egress to gardens, buildings, rooms, and lofts. They are fixed with hinges into door frames that will commonly be made of timber, metal or PVCU. Timber doors may be located in all areas of a building, but will mostly be found in stud walls, panel systems and perimeter walls.

PERSONAL PROTECTIVE EQUIPMENT

PPE requirements indicated are for guidance purposes only. DRIDS has identified the PPE that is mandatory on all demolition projects and ones that may be required subject to site specific Risk Assessment & Method Statement (RAMS).



REMOVAL, SEGREGATION & STORAGE

Depending on how timber doors have been fitted for use, will determine how they are removed, segregated and stored. Timber doors in good condition, of architectural or ornamental value and uncontaminated will have a reuse value, especially if there is a large number of similar size. They should be segregated and stored inside on timber skids or pallets and covered with plastic or tarpaulin to keep dry. They should also be stored away from plant movements to prevent breakage or splash damage. Timber doors destined for recycling or recovery should be segregated from other materials in a timber only skip. Timber doors destined for landfill can be placed in the mixed waste skip.

TOOLS

Hammer, lump hammer, saw, nailbar, crowbar, jemmy bar, screwdriver, wood chisel, spanners, bolster chisel, electric circular saw.

FIXTURES, FITTINGS & CONNECTIONS

Timber doors are commonly fixed in place with a wide range of hinges using screws, nuts and bolts, coach bolts or gudgeons and pins. Most doors will be fastened in place with a mortice lock, deadlock, door bolts, hasps and staples, latches, automatic closers or panic bolts. They may include a letterbox plate, handles, number plate and a variety of architectural or ornamental ironmongery. Most doors will be painted or preserved in one form or another. Gudgeons and pins will be built into stone or brick walls using mortar. or resin. Door frames are commonly built-into walls and fixed in place with nails, screws and mastic.

HEALTH & SAFETY

Subject to task-specific Risk Assessment & Method Statement (RAMS). Use correct protective equipment for removing fixings, especially bolts, nails and screws. Wear gloves when handling timber doors with damaged edges or coated in preservatives to prevent irritation, cuts and splinters. Wear eye protection when removing nails with a crowbar, hammer or nailbar and at all times when using chisels. Use gloves and eye protection if using electric tools.

FURTHER READING

Timber Recycling
Designing out Waste
Demolition Code of Practice
SWMP Guide
Reclaimed Products Guide
Wood Recycling
Reclaimed Doors
Reuse and Recycling Doors

TRAINING

Working at Height
Manual Handling
Safe Use of Hand Tools