

# BrySpan Solid Core Severe Duty Rated Fire Doors FD60



Architectural Joinery Ltd



# BrySpan™ 54mm Solid Core Severe Duty Rated Fire Doors FD60

## Overview

BrySpan™ 54mm is a range cost effect high impact doors made to order based on a uniform particleboard core They are available as 54mm FD60 & 44mm FD30 (see different data sheet )

The Particleboard core is usually based on either Strebord or Halspan engineered particleboard BrySpan™ consists of a severe duty rated core as standard which can have veneer, laminate, PVC or other products added to the face

Most edge details are square with the face product (over veneering) the lipping giving a clean looking face also available). The Test Evidence is based on fire burns to BS476 Part22

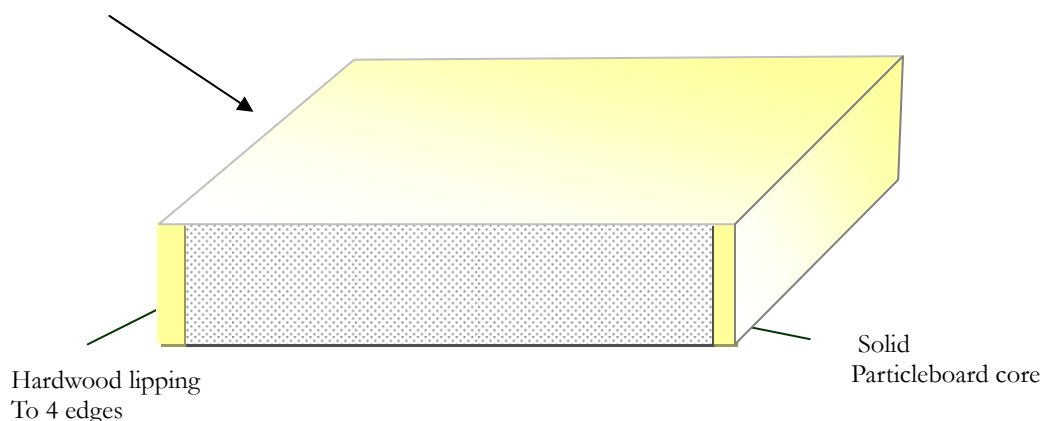


- **Low Cost**
- **High performance**
- **Large Scope of Test evidence**
- **Excellent range of ironmongery compatibility**

## Usage

These doors are particularly useful in areas likely to be hard wearing such as Schools, Hospitals and high traffic areas & labs. The face substrate has a high resistance to impact & damage. Additional sacrificial kick plates & mid plates can be added to provide greater impact resistance to hard objects such as trolleys etc.

Face Finish in Veneer,  
Laminate or PVC



## Specifying

### Details

The BrySpan Fire Rated core the same 3 layer basic core (630 kgm<sup>3</sup> density particleboard) lipped 4 edges in hardwood to match face. The long edges are post formed by a 6mm radius.  
A sheet per face is wrapped around the door overlapping the edges & the lippings..

### Size variations

All sizes within scope of Certification of both cores are allowed typically FD60 Doors in this configuration 2300 x 1000 as single leaf (with or without overpanels 2150 x 890/890 as double leaf (square meeting stiles) with or without overpanel.  
Extended sizes now available please check with the office

### Acoustic Details

BrySpan 54mm are available up to 35db (rw). For higher ratings up to 45db (rw) see BrySound Spec sheets

### Intumescent configurations

We recommend 2 x 15 x 4 intumescent and brush seal to frame sections , Extended leaf sizes may need additional intumescent to head of door.

### Frame details

The door can be supplied to fit in to existing frame section & therefore in fire rated scenarios would need to be fully intumesced. The frame would need to be hardwood in excess of 560kgm<sup>3</sup>

### Ironmongery

Providing the ironmongery is tested to BS476 part 22 most locks and ironmongery is allowed within our global assessment. We recommend specifying rounded forends to reduce pressure on corners. We recommend that Brystewood CNC routers any locks in the doors and that our unique EuroStrike™ is used for strike plates to prevent rattling.

This makes allowance for variations encountered in quality of site fitting



### Vision Panels

Vision panels can readily be specified using wired or clear glass to appropriate levels. Test certification covers up to 11 different glass types including Pyroguard, Pyrostop, Pyroshield, Pyrobelite and SureGlaze



L20 BrySpan FD60 Severe Duty Rated doors

220 Solid Core FACED TIMBER DOORSETS IN NEW FRAMES

- Manufacturer & Reference: Brystewood Architectural Joinery Ltd  
Brackner Lane  
Bilsthorpe  
Nottinghamshire  
NG22 8TU  
01623 411415
- Core : BrySpan™ FD60 Particleboard Core ( severe duty rated) for heavy impact areas
- Facings : Veneer/Laminate or PVC faced
- Lippings: Matched Hardwood to suit face or colour contrast for DDA
- Frame : 100 x 57 softwood FD60 25mm rebate
- Vision panels : As appropriate maximum sizes apply
- Frame Finish: Primed as standard ( other options available)
- Finish as delivered: Primed or clear lacquered depending on Hardwood Selected
- Moisture Content: Forced additional drying 6-12%
- Acoustic rating : Available in 24,26,28,30.32,34 and 35Db(rw) with addition acoustic packs
- Supply : Either as door , door and frame or prehung as door sets
- Hinges : Prehung on Royde & Tucker H101 hinges radius forends
- Locks : As appropriate
- Threshold Detail : individually by Client

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