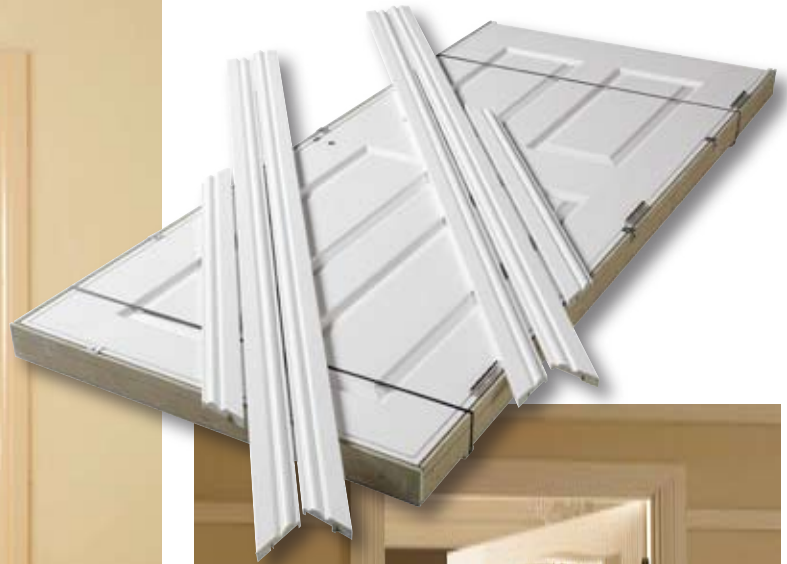


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## Internal Doorsets Guide



# Taking our Responsibilities Seriously

Within this policy we have adopted the ISO14001 Environmental Management Standard to maintain and ensure continual improvement of our environmental performance.

It is our policy to operate our business in the following manner:

To comply with all UK Environmental legislation and prevent pollution. All emissions from our operations will be maintained within the standards required by local and national regulations.

To maintain the high ethical standards set by JELD-WEN Inc with every business, organisation, community and individual we have contact with, directly and indirectly.

To source all our materials from legal sources. In addition, we are committed to achieving the position where all timber purchases are from certificated legal and sustainable sources. We operate independently certificated and audited Chain of Custody procedures in each of our factories providing Chain of Custody product certification where required by our customers. We will use materials from CPET recognised certification schemes where suitable materials are available outside Chain of Custody certification. We seek to eliminate all other timber and wood-based materials from our business.

We support industry initiatives to provide environmental profiles for products of the type manufactured by JELD-WEN UK. Where environmental profiles produced by industry bodies do not adequately describe the profile of our products, we will seek unique profiles of JELD-WEN products.

We operate a transport policy with the objective of reducing carbon emissions through the use of the following standardising on use of diesel powered vehicles; standardising on vehicles equipped with satellite navigation systems, to improve vehicle use efficiency and encourage the use of shared vehicles and rail travel where opportunities permit within the needs of the business.

We work with suppliers to promote responsible ethical conduct of their businesses. Additionally, we support local charitable and community causes particularly where common shared interests exist.

We have a programme of employee awareness, training and education across our business to ensure this policy is communicated and understood by our employees. We also publish this policy through our website to ensure it is publicly available and constantly up to date.



Subject to availability





# Contents

Readyfit™ Standard Specification	4
Readyfit™ Fire Door Sets Additional Components	5
Readyfit™ Guide	6, 7
Readyfit™ Door Options	8, 9
Readyfit™ Installation Guide	10, 11
Securefit™ High Performance	12
Securefit™ Component Breakdown	13
Securefit™ Specifications	14
Information	15



Readyfit™ Internal Doorsets are supplied fully assembled with ironmongery, lining, architrave and doorstops. Available in our range of moulded panel doors, real wood or foil veneer and plywood doors.



Readyfit™ Internal Fire Doorsets have the same pre-assembled components as the standard Readyfit™ Doorset but are supplied with an FD30 Firedoor and intumescent strip pre-fitted into the door frame.

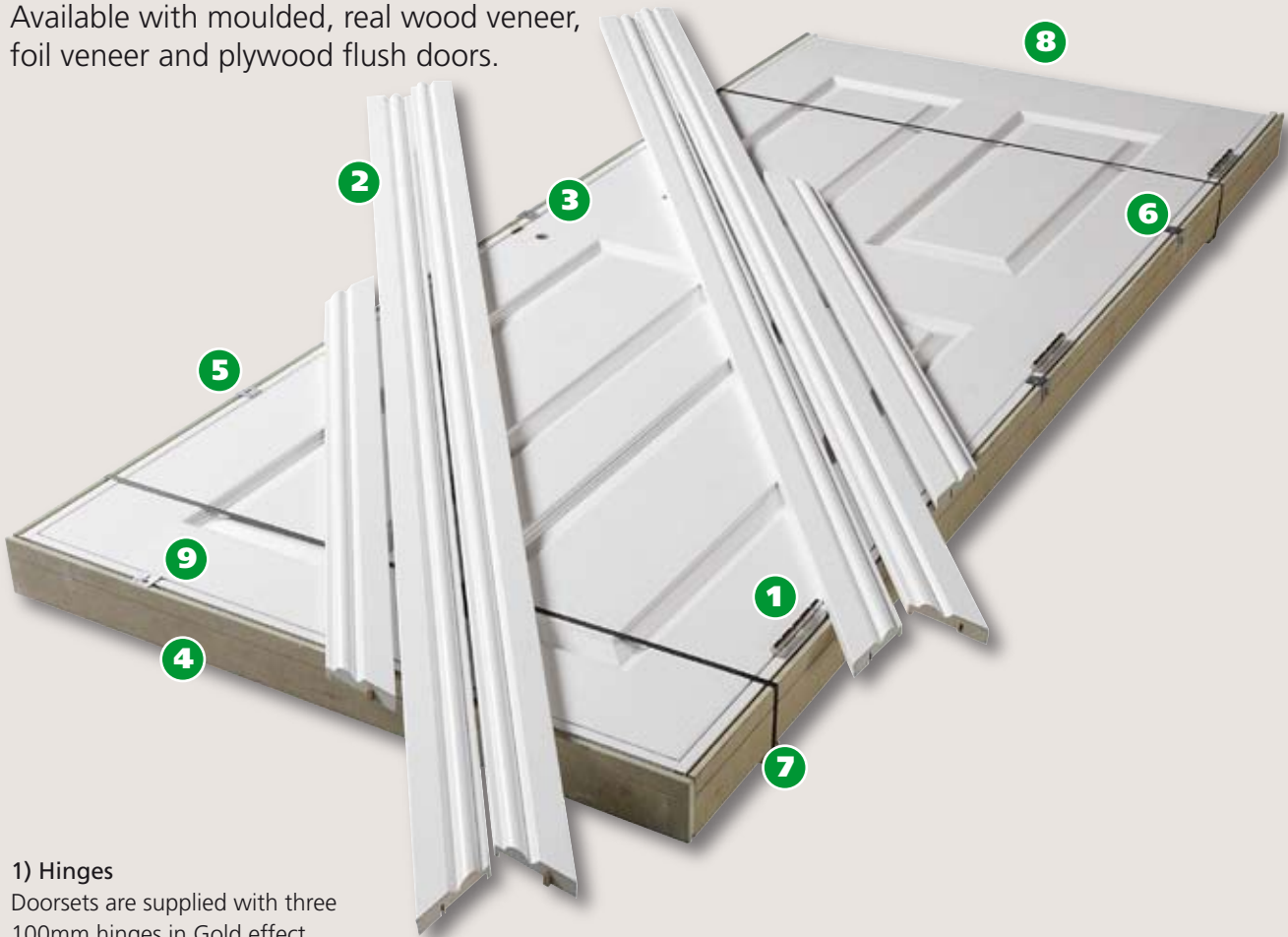


Securefit Internal Flat Entrance Doorsets consist of a laminated core door, pre-hung in a frame with intumescent strip with acoustic seal and have a drop-down seal for further reduction in sound transmission. They are FD30 fire rated, acoustically improved, exceeding the requirements of Approved Document E of the Building Regulations, and meet PAS23-24 enhanced security requirements.



Investment in state of the art doorset manufacturing equipment at our UK facility, to produce precision fit doorsets manufactured under ISO Quality Controlled Conditions

Available with moulded, real wood veneer, foil veneer and plywood flush doors.



## 1) Hinges

Doorsets are supplied with three 100mm hinges in Gold effect, Bright Nickel effect, Satin or White finishes.

## 2) Architrave

Supplied unassembled, ready for fitting on site and manufactured from foil wrapped MDF, giving superb quality appearance. Available in the following styles: Ogee / Ovolo / Torus / Twice Rounded

## 3) Ironmongery

Options include: 65mm tubular latch or 65mm bath lock - both available in bright polished steel or gold effect.

## 4) Lining

Foil wrapped MDF (Medium Density Fibreboard) linings are 25mm thick plus 12mm for the stop, giving a total thickness of 37mm. Linings are available to suit all door thicknesses including fire doorsets.

**Size options are:** 77mm / 90mm / 95mm / 100mm / 115mm / 120mm / 125mm / 130mm / 140mm / 150mm

## 5) Door Stops

Supplied loose for ease of installation, stops are machined to complement our range of 35, 40 and 44mm doors. Door Stops are supplied in two sizes 27mm or 71mm.

## 6) Fixing Brackets

These brackets are supplied reversed for transport and can be easily adjusted when fitting the doorset.

## 7) Strap Banded & Braced

For ease of distribution and handling during fitting.

## 8) Carpet Clearance

Supplied with a 15mm carpet clearance beneath the door.

## 9) Transporting Bracket

Supplied fitted to keep the door closed during the fitting process.

# Additional Components



Available with moulded, real wood veneer, foil veneer and plywood flush doors.

## 1) Lining

Same options as the standard specification but supplied fitted with intumescent strip to the jambs and head to achieve 30 minute fire protection when fitted with an appropriate JELD-WEN Fire Door.



## 2) Door Closer\*

Can be supplied loose, ready for fitting below the centre hinge on site.



JELD-WEN is a member of the BWF Certificate Fire Door & Door Set Scheme

\*JELD-WEN are not liable for the effectiveness of the closing force to latch the door as many other factors influence effectiveness.

# Readyfit™ Guide

## FEATURES & BENEFITS:

- Solid reliable fixing system through the lining into the core of the wall, (required for the fire resisting doors, optional on non-fire resisting doors)
- Architrave tongue is self-adjusting to accommodate minor inaccuracies in partition widths
- Interlocking mechanical joints for a tight accurate fit of architrave
- Concealed fixing of lining and architrave, eliminating the need for filling and minimal preparation for decorating - in line with NHBC recommendations
- Suitable for use with any JELD-WEN moulded, veneered, veneer effect and plywood internal door
- MDF moisture resistant foil wrapped linings and architraves

Doorsets can be delivered in house plots, with specified ironmongery fitted. Architraves and doorstops are fully machined and packed with the door. Fixing brackets are pre-fitted to the side of the frames. The doorstop groove in the lining facilitates the fixing of the lining to the wall.

### Fire Doorsets

Fire doorsets are available as FD30 with intumescent strip or FD30S with intumescent strip and smoke seal, fitted to the head and jambs of the lining. Door pairs are supplied unassembled for ease of handling on site.

### Glazed Doorsets

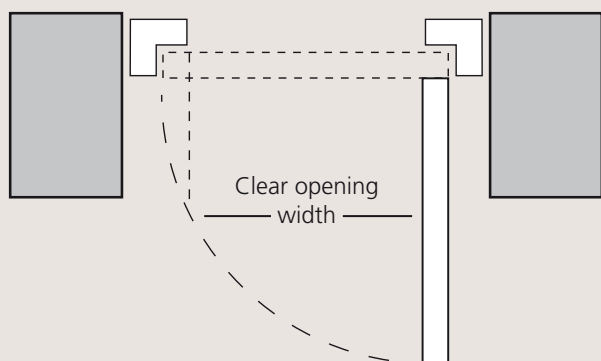
Glazed doors have solid stiles and rails and are supplied preglazed. Glazed fire doors are also available.



**BUILDING REGULATIONS PART M**

### Mobility

Clear opening dimensions for doors are determined by a number of components. The table summarises this information by door size.



Door Width	Standard Door Thickness	Clear Opening	Fire Door Thickness	Clear Opening
457mm	35mm	402	44mm	393
533mm	35mm	478	44mm	469
610mm	35mm	555	44mm	546
686mm	35mm	631	44mm	622
711mm	35mm	656	44mm	647
762mm	35mm	707	44mm	698
838mm	35mm	783	44mm	774
864mm	35mm	809	44mm	800
526mm	40mm	466	44mm	462
626mm	40mm	566	44mm	562
726mm	40mm	666	44mm	662
826mm	40mm	766	44mm	762
926mm	40mm	866	44mm	862

Based on a 13mm stop, 3mm edge gap and 4mm added clearance.





**SIX POINTS TO NOTE BEFORE ORDERING JELD-WEN READYFIT™ DOORSET**

- Structural opening size
- Required door type
- Door handing
- Lining width
- Architrave type
- Ironmongery options

**STRUCTURAL OPENING SIZES**

Door Size	Structural Opening Size	Door Size	Structural Opening Size
1981 x 457mm (6'6" x 1'6")	2036 x 522mm	2040 x 526mm Standard Metric	2095 x 591mm
1981 x 533mm (6'6" x 1'9")	2036 x 598mm	2040 x 626mm Standard Metric	2095 x 691mm
1981 x 610mm (6'6" x 2'0")	2036 x 675mm	2040 x 726mm Standard Metric	2095 x 791mm
1981 x 686mm (6'6" x 2'3")	2036 x 751mm	2040 x 826mm Standard Metric	2095 x 891mm
1981 x 762mm (6'6" x 2'6")	2036 x 827mm	2040 x 926mm Standard Metric	2095 x 991mm
1981 x 838mm (6'6" x 2'9")	2036 x 903mm		
1981 x 864mm (6'6" x 2'10")	2036 x 929mm		

**IRONMONGERY & COMPONENTS**

Doorsets are supplied with three 100mm hinges and are available in a choice of finishes.



Gold Effect



Bright Nickel or Satin



White

A 65mm tubular latch is supplied as standard, available in polished steel or gold effect. A 65mm bath option with thumbturn is also available. Both options are supplied with a fully adjustable keep to prevent door rattle once fitted on site.



MDF architrave is supplied foil-wrapped in white and is available in a choice of four styles. Architrave is pre-cut to length with a Hoffmann joint pre-machined.



Ogee (69 & 50mm)



Torus (69 & 59mm)



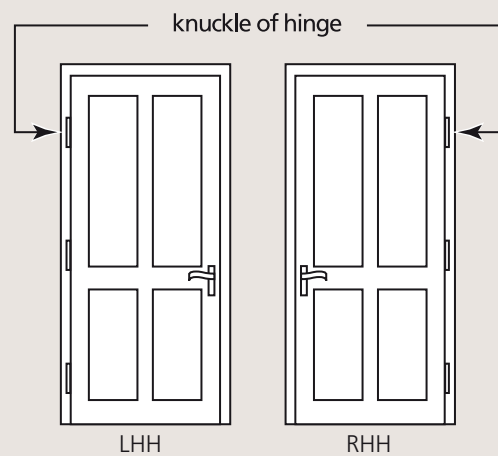
Twice Rounded (69 & 45mm)



Ovolo (69mm)

**Handing**

Supplied assembled and handed as per your order. Handing is viewed from the knuckle of the hinge as the door opens, towards you. Please state whether you require right or left hand when ordering.



\*Please note: Handles are not supplied with Readyfit™ Doorsets

# Readyfit™ Door Options

A choice of smooth or woodgrain textures available with many designs to suit every home.

**Hollowcore:** Standard Specification with approximate doorset weight of 18kg

**Middleweight:** Semi Solid Core with heavier feel - approximate doorset weight is 23kg

**Heavyweight:** Extra component providing a solid feel with improved acoustic properties - approximate doorset weight 30kg

**Fire Doors:** FD30 Fire Doors achieving a 30 minute fire protection when fitted in a JELD-WEN Readyfit™ Fire Door Set - approximate doorset weight 35kg

## MOULDED DOORS



Rockport FR    Arlington FR    Atherton FR    Cambridge FR    Camden FR    Bostonian FR    Oakfield FR

## STANDARD GLAZED DOORS



6 Light Smooth    10 Light Smooth    6 Light Woodgrain    10 Light Woodgrain    6 Light Simulated Glass    Arch Top 6 Light Woodgrain    Arch Top 10 Light Woodgrain    Arch Top 6 Light Simulated Glass





**REAL WOOD VENEERED DOORS & FIRE DOORS**



African Maple    Sapele    Beech    White Oak    Koto    Ash

**REAL WOOD CLEAR NON-WIRED GLAZED FIRE DOORS**



G01    G05     G06 

All available in Ash, White Oak, African Maple, Beech, Sapele and Koto

**PAINT GRADE FLUSH & CLEAR GEORGIAN WIRED GLAZED FIRE DOORS**

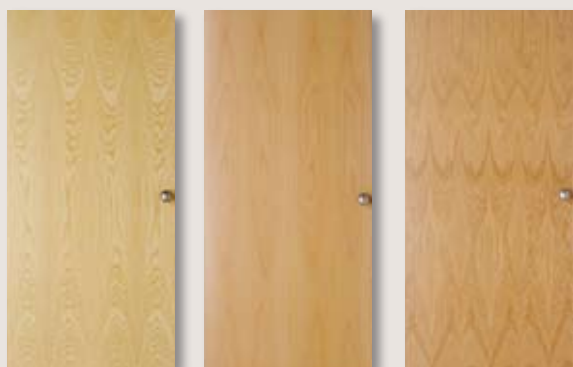


FLUSH    G01



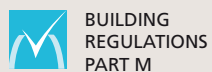
G05     G06 

**FOIL VENEER DOORS & FIRE DOORS**



ASH    BEECH    OAK

**Aperture sizes:**  
 G01 = 457mm x 457mm  
 G05 = Top 760mm x 150mm  
       Bottom 460mm x 150mm  
 G06 = 1410mm x 150mm



# Readyfit™ Installation Guide



Make sure you have all components of your Readyfit™ Doorset.



Doorsets are supplied banded with a packer for distribution and ease of handling during fitting.



**STEP 1:** Unscrew all fixing brackets, reverse them and re-fit ready to offer the doorset to the opening.



**STEP 2:** Offer up the doorset into the opening, use packers on the edges of the doorset if required. To increase carpet clearance space packers may be positioned under each jamb.



**STEP 3:** Screw the fixing brackets to the wall. Only screw them hand tight at this stage until step 4 is completed.



**STEP 4:** Using a spirit level ensure the doorset is positioned square in the opening on all edges. Once this is achieved fully tighten the screws holding the fixing brackets.



**STEP 5:** Now the doorset is in place, remove the banding and the packing bars.



**STEP 6:** Unscrew and remove the fixing bracket at the top of the doorset, holding the door slab in place.



**STEP 7:** Make sure the door and the frame is plumb and square.



**STEP 8:** Screw through the lining into the wall where machined for the door stops, in recommended fixing positions to further strengthen the fitting of the doorset. (See image below)



**STEP 9:** Fix the vertical door stops in position, using an appropriate glue if required, checking that the fitting is consistent on all edges.



**STEP 10:** Take two pieces of the architrave, one edge and the top piece and offer them together.



**STEP 11:** Using the Hoffmann Key provided assemble both pieces of the architrave together.



**STEP 12:** Apply an appropriate adhesive to the groove in the lining that the architrave will be positioned in.



**STEP 13:** Press the two pieces of architrave in place, making sure that all areas are clicked into position and the corner joint is a tight fit.



**STEP 14:** Add the final vertical piece of architrave, using a soft mallet if required. Make sure all is level. Repeat steps 11 to 15 on the reverse side of the door. The installation process is now complete.



— = Fixing points through the doorstop groove in the lining.







# High Performance

JELD-WEN Securefit™ Doorsets are designed specifically for flat entrance situations where the highest standards in product performance are required. These doorsets comply with building regulations Part M, Part B, Part E and Part L.

## SECUREFIT DOORSET BUILDING REGULATION COMPLIANCE

**Part M:** Available in a range of sizes for wider access as well as glazed doors with mobility vision panels.

**Part B:** Securefit doorsets are tested to BS476 Part 22 and perform to FD30 requirement providing 30-minute fire protection. This product is also supported by the BWF Certificate Fire Door Set Scheme.

**Part E:** The laminated core construction, acoustic seals and drop down seals assist this product in compliance with acoustic regulations where flat entrance doors are required to have a sound reduction index of 29dB Rw.

**Part L:** JELD-WEN Securefit™ Doorsets provide improved conservation of fuel and power, plus have a U-Value of 1.60 W/m<sup>2</sup>k or better, meeting the requirements of this regulation.



JELD-WEN is a member of the BWF Certificate Fire Door & Door Set Scheme



Meets the requirements of PAS 23/24 Secured By Design

**PAS 23:** General performance requirements for door assemblies:

- Latching test
- Hardware operating test
- Initiate movement test
- Air permeability
- Water tightness
- Wind resistance
- Resistance to vertical loads
- Resistance to static torsion
- Slamming resistance
- Resistance to humidity
- Resistance to thermal variation

**PAS 24:** Enhanced security performance requirements for door assemblies:

- Hard and soft impact test
- Mechanical loading test
- Cutting and manipulation test
- Security hardware test



# Component Breakdown



## 1. VIEWER

Door Viewers are fitted as standard. These are available in gold or silver effect.



## 2. ADJUSTABLE KEEP

Door Keeps are fully adjustable for ease when fitting on site.



## 3. ESPAGNOLETTE LOCK

3-Point espagnolette lock, police approved under the requirement of PAS 23/24



## 4. HANDLE

Lever Handle supplied and available in gold effect or silver effect finish.



## 5. CYLINDER GUARD

For extra security SecureFit Doorsets are supplied with a cylinder guard system.



## 6. HINGES

Supplied with three steel hinges in a choice of gold or silver effect. Hinges are CE Certified.



## 7. DROP DOWN SEAL

A lorient drop down seal is supplied for improved acoustic performance.



## 8. INTUMESCENT & ACOUSTIC SEALS

Fitted into the head and jambs of the frames, are intumescent strip including smoke and acoustic seals.



## Door Options - Laminated Core

### MOULDED DOORS



Rockport    Arlington    Atherton    Cambridge    Camden    Bostonian    Oakfield

### REAL WOOD VENEERED DOORS



African Maple    Sapele    Beech    White Oak    Koto    Ash

### PAINT GRADE VENEER

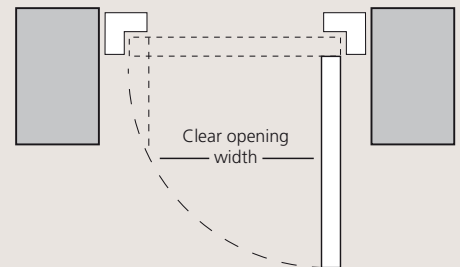


Flush

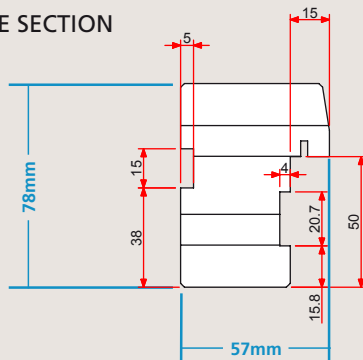
### STRUCTURAL & CLEAR OPENINGS

Door Size	Structural Opening Size	Clear Opening Size
1981 x 838 x 44mm	2036 x 903mm	776mm
1981 x 864 x 44mm	2036 x 929mm	802mm
1981 x 914 x 44mm	2036 x 979mm	852mm
1981 x 926 x 44mm	2095 x 991mm	864mm

Based on a 15mm stop and a 3mm edge gap



### FRAME SECTION



### CARPET CLEARANCE - 15mm



Carpet clearance can be adjusted by cutting or packing each jamb at the time of installation



# Information

## Delivery

JELD-WEN doorsets should arrive on site no more than two days prior to installation; this will avoid unnecessary damage through handling and general site conditions. Product should be thoroughly checked when delivered to ensure no damage has occurred during transport.

## Storage

Doorsets should be stored in a cool, dry place and stacked level in a horizontal position with a sufficient gap below the stack to allow air circulation. Please note: do not store doorsets in buildings that are being plastered or have recently been completed.

## Installation

When installing the doorset where possible the fixing brackets should be used. In the event of an impractical wall it is possible to just screw through doorstop groove along the jambs in the illustrated locations on page 11.

When fitting a fire door it is essential that additional fixing takes place through the groove in the jambs. If there are any spaces between the frame and the wall then an appropriate fire-resisting material must be used to seal those gaps.

## Decoration

If doors are supplied unfinished they should be decorated in accordance with British Standard Code of Practice BS6150: 2006 and BS8000 Part 5:1990. The stain or paint manufacturers instructions must be followed.

All surfaces must be treated (sealed) at the same time to prevent distortion from moisture imbalance. A base coat stain or paint primer are in themselves not a seal.

## Maintenance

All ironmongery should be lubricated on a regular basis to ensure smooth and correct functioning. JELD-WEN interior doors can be cleaned using a damp cloth, no abrasive materials should be used as this can damage the face of the door.

## Guarantees

JELD-WEN ReadyFit and SecureFit doorsets have a 10 year guarantee against manufacturing defects. Factory finishing has a 5 year guarantee providing regular maintenance has been given to the door.

For full terms and conditions along with further information on guarantees please refer to our current Doors Catalogue or request details at [www.jeld-wen.co.uk](http://www.jeld-wen.co.uk)





For more information on JELD-WEN Doors or to request a brochure, contact our sales office at 0845 122 2890 or visit our website at [www.jeld-wen.co.uk](http://www.jeld-wen.co.uk)