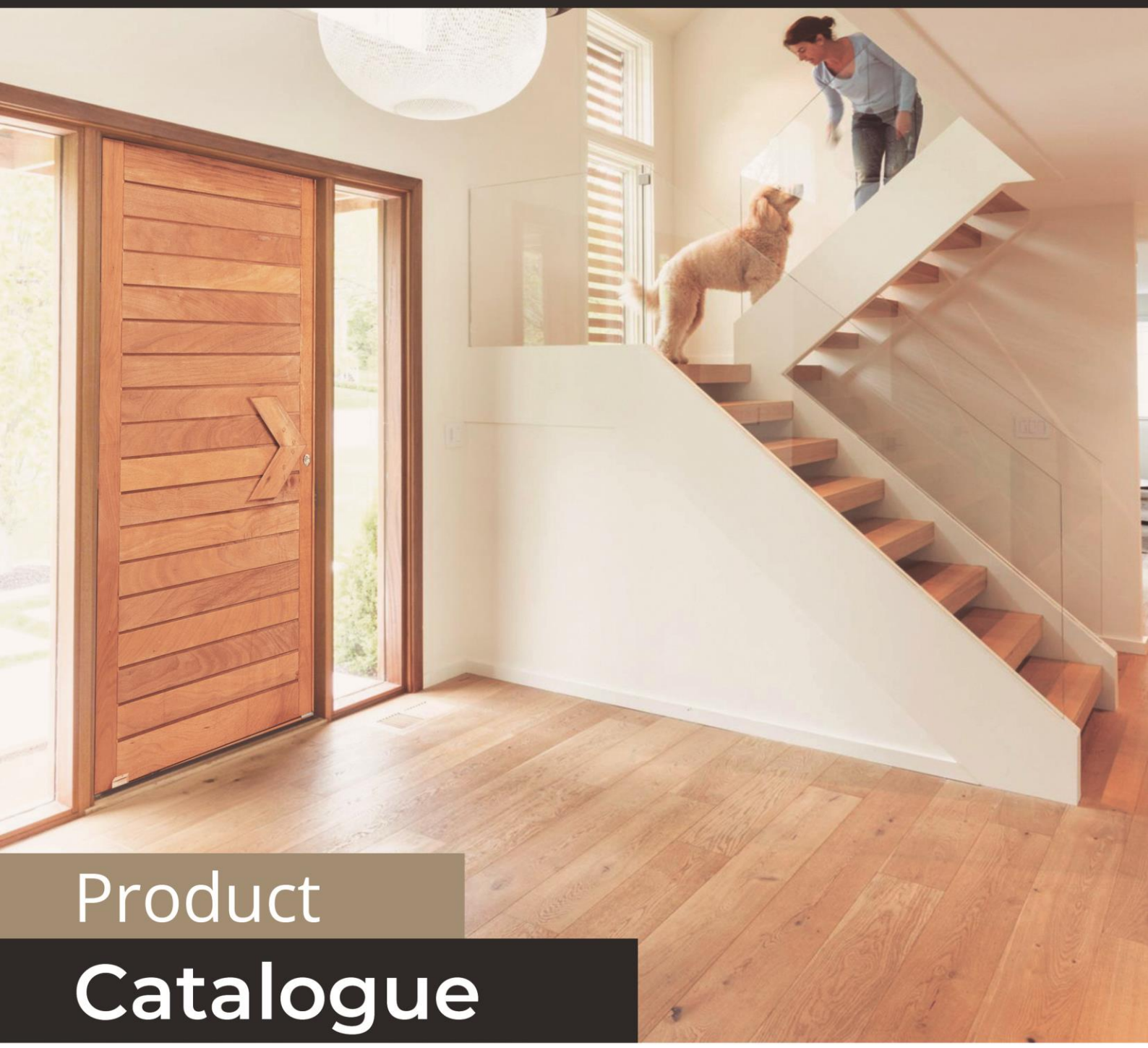
WG

WOOD GRAIN INDUSTRIES



Product Catalogue

Your Single Source Solution In High Quality Doors

www.wgindustries@gmail.com

How To Hang a Door

- To assess whether the opening of a door frame is square or not and to determine how much will have to be trimmed off the door, measure the diagonals of the door frame. There should ideally be a maximum clearance of 5 mm at the bottom of the door and 3 mm clearance on the other three sides. To reduce in width, remove equal amounts up to 5mm from both sides and up to 10mm from the top and 15mm from the bottom of the door, again equally for reductions in length of the door.
- If hinges are not on the door frame already these sholud be fitted at +/- 180 mm from both the top and the bottom of the door frame prior to any measuring or marking.
- Place the trimmed door in the opening and wedge it into position both top and bottom.
- Mark the hinge positions on the door edges from the hinges on the frame, then remove the door and extend the markings over the edges prior to scoring.
- The hinge outline are now scored with a chisel.
- Cut the recess into the door and frame, ensuring the hinge is flush with the edge of the door. The screw holes are now marked and drilled.
- The hinge recesses are cut slightly deeper on the inside of the frame so that the hinge is not completely closed when the door is closed. The thickness of the hinge leaves at the knuckle and the recess depth should be the same. The knuckle should protrude from the frame and the door. Use a marking gauge to obtain the same depth for each hinge. Should you not succeed in setting the hinges evenly in the frame the door will not swing freely necessitating time consuming adjustment. Should the door not close easily the hinges need adjusting.
- Once the hinges have been positioned correctly they can be screwed up tightly.

The above is to be used as a guideline only. As manufacturers we cannot be held responsible for how doors are installed and maintained on site.

Mixed Timber Panel Doors

6 PANEL MT
12E 0037

SE

8 PANEL MT
12E 0038
Also available in Stable

SE

10 PANEL MT
12E 0039

SE

Mixed Timber Glass Range

Carolina
Double Sided
Engineered
12E 0092

SE

Kentucky
Double Sided
Engineered
12E 0093

SE

Carolann
Double Sided
Engineered
12E 0094 / 12E 0104
Also available in Stable

SE

18 Light
Engineered
12E 0864

SE

SA Pine Panel Doors

6 Panel
SA Pine
03H 0309

SE

8 Panel
SA Pine
03H 0305

SE

10 Panel
SA Pine
03H 0307

SE

Pre-Hung Pivot Doors

Doors are 1.2m x 2.1m, pre-hung in a frame complete with lock, handle and hinges fitted, ready to be built in

The same doors are available not pre-hung

African Sunset
11R 0580

SE

Sunrise
11R 0581

SE

12 Panel
11R 0585

SE

16 Panel
11R 0540

SE

Indigo
(without glass)
11R 0541

SE

Horizontal
11R 0583

SE

Pre-Hung Pivot Doors

Doors are 1.2m x 2.1m, pre-hung in a frame complete with lock, handle and hinges fitted, ready to be built in

The same doors are available not pre-hung

Eco Diamond
11R 0625

SE

Eco Rhythm
11R 0629

SE

Eco Kalahari
11R 0576

SE

Eco Indigo
11R 0613

SE

Eco Sunrise
11R 0618

SE

Eco Sunset
11R 0620

SE

Eco Designer Doors

Rhythm
11R 0550

SE

Kalahari
11R 0566

SE

Diamond
11R 0248

SE

Designer Range also available in Stable

Sunset
11R 0011

SE

Indigo
(without glass)
11R 0013

SE

Sunrise
11R 0012

SE

Class 1 Full Exterior Doors

SA Pine Solidor
Laminated, Finger
Jointed, Double Sided
03H 0101
CLASS 1 EXTERIOR 1
SA Pine Solidor Stable Door
03H 0103

FE

Saligna Solidor
Laminated, Finger
Jointed, Double Sided
12E 0761
CLASS 1 EXTERIOR 1
Stable
12E 0762

FE

SD60 Wide Groove
Horizontal
12E 0180
CLASS 1 EXTERIOR 1
Also available in Stable

FE

Frame and Ledged Doors

Framed & Ledged
Open Back
Braced L/C
12E 0120

SE

Framed & Ledged
Open or Flush Back or Plyback
Engineered Hardwood
Open Back 12E 9001
Flush Back 12E 0154
Plyback 12E 0804

SE

Framed & Ledged
Open or Plyback Stable
Engineered Hardwood
Open Back 12E 0304
Plyback 12E 0805

SE

Afri-Tech Openback
01H0805
Also available in Stable
Door

SE

Recommended treatment and handling of joinery

Although it is presumed that people involved with the joinery supplied today in the Building Industry are familiar with the correct storage and handling of timber products, experience shows that this is incorrect. Please inspect carefully for correctness, quality and size prior to any cutting finishing or fitting. Failure to do so will invalidate any claim

- Doors should be stored only in dry rooms with normal humidity.
- Moisture from damp floors and screeds must be avoided.
- Never stoor doors in an area where they will be subject to extreme changes in heat or humidity (e.g. open sided corrugated iron sheds, containers).
- Store doors flat on four evenly spaced dunnages approximately 100mm off the floor to avoid twisting.
- Doors should be handled carefully to avoid scratching and other damage.
- The top of the door in the stack should be covered with a suitable material such as plywood, hardboard or cardboard to avoid bow due to loss of moisture on the exposed surface.
- Doors after manufacture will still be subject to shrinking, swelling and warping, as any wood product is, when exposed to dramatic changers in the dryness or temperature and humidity.
- All joinery products, i.e. doors and framing should be sealed immediately after delivery onto site and before hanging, on all six sides to avoid gain or loss of moisture depending on local conditions. Its is imperative that doors be sealed on all six sides after trimming to size and before fitting.
- Avoid hanging doors in a open out rebate where they will be exposed to the weather eg, where there is no sufficent overhang or protection.
- At least three coats of a recommended sealer should be applied within twenty-four hours of one another, to all six sides of the door.
- Timber doors must be maintained by the client and re-sealed regularly at least six monthly, dependent upon the exposure to the elements i.e. whether north facing etc, and the degree of protection afforded by the overhang of roof, awnings etc, depending on type of finished used.
- Timber products will be degraded and have a reduced aesthetic and functional life span if neglected.
- Proper care and attention should be paid to levels to allow for screed thickness.
- Not to impair the structural strength of a door, doors must be trimmed equally from both sides, top and bottom. A maximum of 5mm from each edge and a total of 10mm in the width, a maximum of 10mm off the top and a maximum of 15mm off the bottom and total of 25mm in height.
- Endeavour to only hang doors as near as occupation as possible to avoid damage due to banging, whilst left open. Fit this into the production programme at the outset.
- Doors must be sealed immediately on all six sides and be fitted with a lock and not allowed to wing freely and bang. Contracts such as schools and compounds must have cabin hooks fitted immediately to prevent damage.
- All exterior doors should be fitted with a weather bar.
- Any door found to have a factory fault will be replaced free of charge within 6 months of delivery. Kindly inspect doors for patent defects before fitting and hanging. Doors with patent defects which have been fitted and hung will not be exchanged. We shall not be held responsible for any incidental work or expenses arising out of, or because of, any defect in our product, and our liability shall in no case exceed our invoiced price.

In conclusion all external timber doors must be maintained throughout their life time. It is however obvious that the doors are being abused and not sealed with three coats immediately before hanging. Failure to do so allows loss or gain of moisture depending on prevailing conditions. The abuse of joinery and its treatment are extremely prevalent. Regular maintenance must be maintained as mentioned earlier. Once deterioration and discolouration, peeling and flaking of the sealer is noticed, a medium sandpaper should be used to remove “dead” sealer and then resealed. Timber is extremely durable if handled in the proper manner, but it is essential that the initial storage, trimming and sealing is done correctly.

Medium hardwoods obviously exhibit less of a tendency to shrinkage than light hardwoods and this should be borne in mind. Most problems generally occur when the product is removed from storage and having been manufactured during the summer rainfall period will absorb moisture to equilibriate moisture in the air. If doors are then exposed to greatly reduced moisture in the air, i.e. in winter, and are not treated and sealed immediately, shrinkage, warpage etc. will be impossible to avoid. This is the basis on which manufacturers world wide expect joinery products to be handled. Solid Doors reserves the right to discontinue any line or product, and change specifications and construction details without notice. E&OE

Routered Medium Duty Range

8 Panel Consul Arched
Medium Duty
2SS 0902

LD

Consul Stable
Medium Duty
2SS 0910

LD

MD Consul
Medium Duty
2SS 0950

LD

San Martino
Medium Duty
2SS 0921

LD

Melody
Medium Duty
2SS 0917

LD

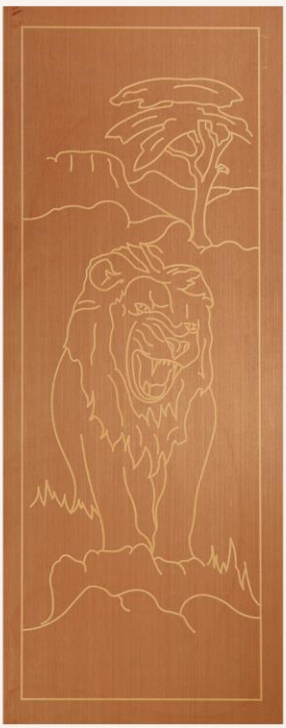
Traditional
Medium Duty
2SS 0918

LD

Routered Medium Duty Range

Ruby
Medium Duty
2SS 0919
Also available in Stable

Big Five
Medium Duty
2SS 0273



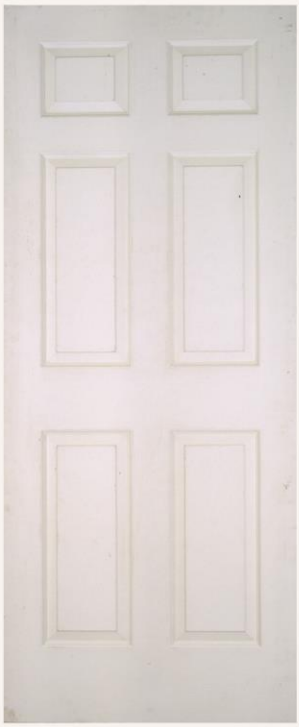
Lion
Medium Duty
2SS 0945

Elephant
Medium Duty
2SS 0916

Prime Coated Deep Moulded Doors

Toledo
Prime Coated
Hollow Core
Double Sided
6MO 0009

Townsend
Prime Coated
Hollow Core
Double Sided
6MO 0005



Tudor
Prime Coated
Hollow Core
Double Sided
6MO 0007

Interior Doors

Hardboard
Hollowcore
1HC 0001
S/C Masonite 2CE 3SC 0201

LD

Commercial Veneer
Hollowcore
1HC 0301
S/S Commercial 2CE 2SS 0501
S/C Commercial 2CE 3SC 05011

LD

Sapele Veneer
Hollowcore
1HC 0601
S/S Sapele 2CE 2SS 0801
S/C Sapele 2CE 3SC 0801

LD

Senior Sapele Print
Hollowcore
4PR 0001

LD

Medium Duty
Commericial
Horizontal 2CE
2SS 0967

SE

Hollowcore Hardboard
Horizontal
1HC 0019

LD

Hollowcore Perigord Oak
4PR 0140

LD

Senior Cherry Print
Hollowcore
4PR 0130

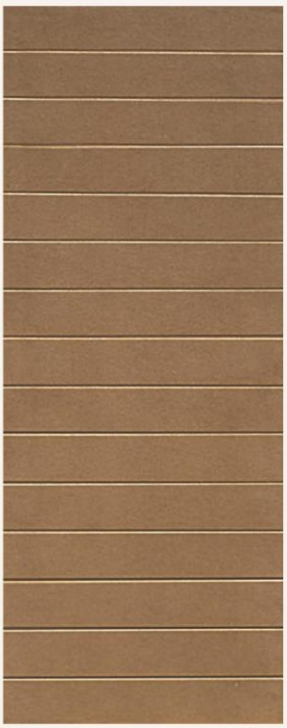
LD

1/2 Hour Fire Doors*

Commercial Veneer
8SP 0910

Sapele Veneer
8SP 0920

Hardboard
8SP 0901



Hardboard Horizontal
Fire Door
8SP 0933

Pine and Hardwood Mouldings

19mm; 32mm Quadrant

19mm; 32mm Scotia

50mm; 75mm; 100mm Skirting

63 x 13mm T & G Boarding

32mm Half Round Beading

45mm; 38mm Cover Strip

75mm Cornice

50mm Cleats

19mm Half Round
Beading

Single Door Frame
Hardwood

Standard Size: 813 x 2032
60 x 42
90 x 45
66 x 44

Double Door Frame
Hardwood

Standard Sizes: 1613 x 2032mm

WOOD GRAIN INDUSTRIES

10 Vuurslag Avenue, Spartan, Kempton Park, 1619
Republic of South Africa

Tel : +27 010 100 3361
Email : daniel@wgindustries.co.za
Website : www.wgindustries.co.za