

*Domestic and Exotic Veneers*



*Quality  
Hardwoods  
And  
Craftsmanship  
Make The  
Finest Doors*



*Architectural Doors – Specifications – And Information*



### WE'VE COME A LONG WAY!

The Chappell Door Company began producing solid core doors with nine employees in 1960 in Jeffersonville, Indiana, five years after the inception of the company. In late 1973 the company moved its operations to Washington Court House, Ohio in what would be the first of several expansion programs.

Today, Chappell occupies an 80,000 square foot building, services an area consisting of all states east of the Mississippi River plus numerous states in the Central and Southwest US, and has a capacity in excess of 100,000 doors per year. All doors produced are for the architectural, institutional, and commercial markets. These products include solid particle core, solid fiber core, solid SCL core, and mineral core doors in all species of wood veneers, high pressure plastic laminates, and medium density overlays.

The Chappell Door Company operates under the hierarchical principles of Safety, Quality, Customer Service, and Productivity, and, with integrity, it pursues the manufacture and sale of quality door products while remaining committed to those principles as well as the development of its workforce.

The quality and service which our customers have come to expect from Chappell can only continue to expand with your ongoing support. Please allow us to help you with your future projects in any way we can.

Sincerely,

**CHAPPELL DOOR COMPANY**

### OUR VISION

Grow a secure and profitable God-honoring business that focuses on customer satisfaction and shares improvements with customers, employees, and shareholders.

*1 Corinthians 10:31...33*

*... Whatever you do, do all for the honor and glory of God... not seeking the advantage of one, but the advantage of the many, so that they may be saved.*



The mark of  
responsible forestry

FSC certification is  
available upon request



Latest updates can be found on Chappell Door website: [www.chappelldoor.net](http://www.chappelldoor.net)

## MODEL CPC 5:

### QUALITY STANDARDS:

Premium Grade conforming to or exceeding WDMA Industry Standard I.S. 1-A-11 or Architectural Woodwork Institute Standards for type PC5 or FD 1/3, as tested per UL10C/NFPA252 "Fire Test of Door Assemblies" performed by Intertek Testing.

### MAXIMUM SIZE:

**Single Door** (unrated)  
4/0 wide, 10/0 high

**Pairs** (unrated) 4/0 wide,  
10/0 high, (8/0 x 10/0  
opening)

**Single Door** (20 minute)  
4/0 wide, 9/0 high

**Pairs** (20 minute) - 4/0 wide,  
9/0 high, (8/0 x 9/0 opening)

### THICKNESS:

1-3/8" (±1/16") unrated  
1-3/4" (±1/16") (20 minute).

### FRAME COMPONENTS:

#### Stiles -

(Before Trim or Prefit)\*  
one piece, clear, matching/  
compatible hardwood face  
laminated, SCL back, for  
painting or staining. 1-1/4"  
total width. Minimum specific  
gravity of 0.39 for stile face  
and back. Contact factory for  
other options.

#### Rails -

(Before Trim or Prefit)\*  
1-3/4" SCL one piece.

### INTERIOR BLOCKING:

Not generally required  
for fire rated or non-fire  
rated applications. In some  
applications the addition of  
optional solid wood blocking  
may be needed due to  
hardware specifications.

### CORE:

Wood particleboard door  
core to meet or exceed  
American National Standard  
ANSI/A208.1 for 1-LD-1 or  
1-LD-2 door core. Exceeds  
requirements for 20 minute  
construction authority.

### FACES:

All veneer species as available  
meeting AWI or WDMA  
grading rules as specified,  
MDO, or HPL Type I or II bond  
as specified.

### ASSEMBLY:

Frame and core are uniformly  
sized to a thickness of 1-1/2"  
(±.015"). Core and frame  
components are assembled  
to meet or exceed 20 minute  
specifications.

### ADHESIVE:

Type I or Type II bond, by  
specification, between faces  
and core/frame components.

### WARRANTY:

Architectural Limited Warranty  
from date of manufacture. For  
original installation only.

### LABEL AUTHORITY:

May be labeled and  
classified by Warnock Hersey  
International or Underwriters  
Laboratories as a 20 minute  
fire/smoke barrier. Restrictions  
on machining and architectural  
accessories or application are  
per governing authority.

### PERFORMANCE STANDARDS:

Extra heavy duty available.

### APPLICATION EXCEPTION:

Exterior application of this  
product is Not Warranted.

### STC RATING:

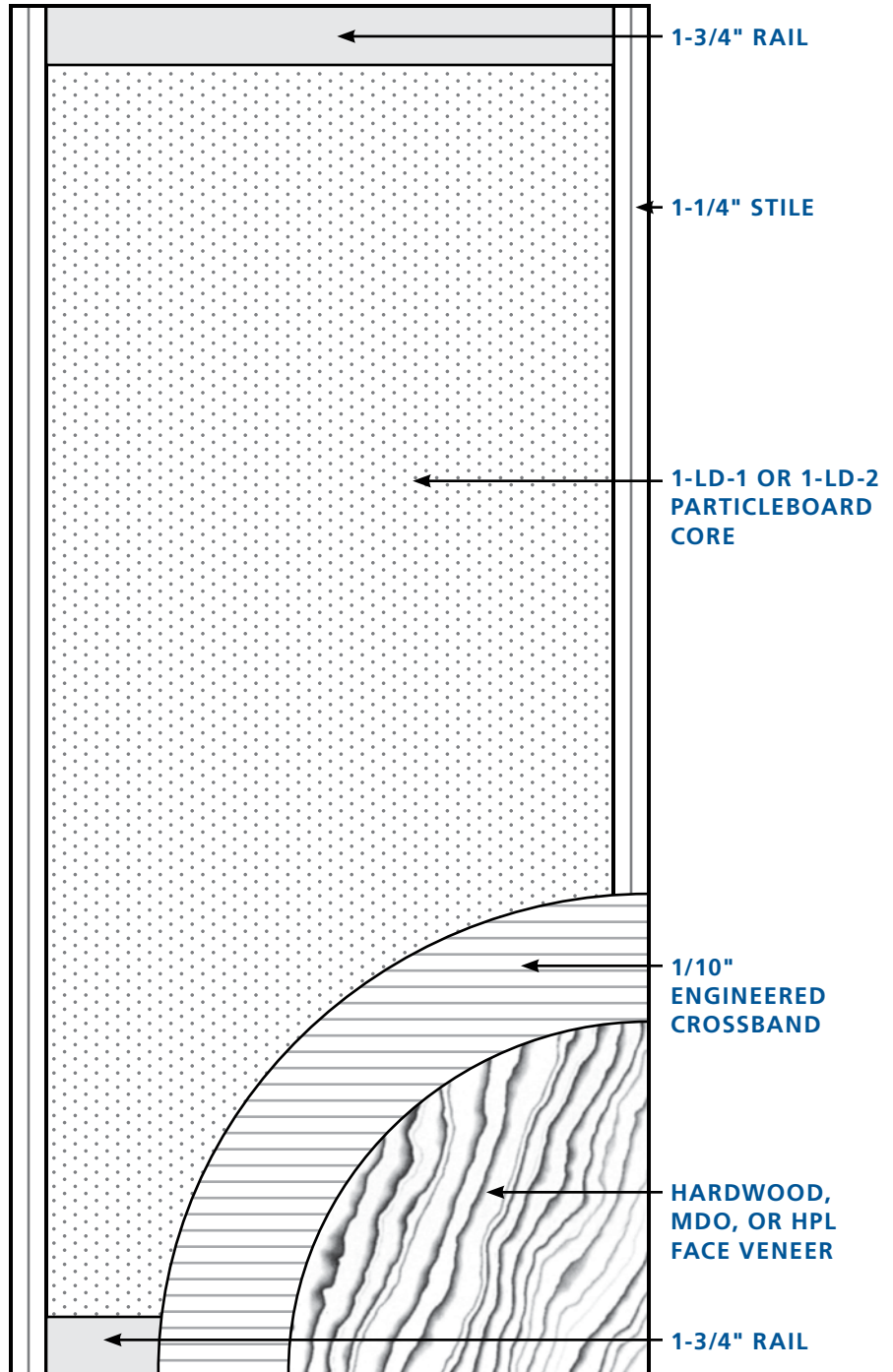
STC ratings are door  
construction dependant. Core,  
stile, and face types will impact  
rating. A typical particleboard  
core door is capable of STC  
30 (static). For operable  
conditions gasketing along  
with other hardware will be  
required.

*\* Fire labeled doors may  
not be refit in the field  
if already factory prefit  
sized. If not factory  
prefit for length,  
maximum field trim is  
3/4" from the bottom  
only per NFPA-80.*

### Interior/Exterior

A rugged construction consisting of hardwood veneers permanently bonded to crossbands, frame and core. The precision made core is composed entirely of wood particles which provides a stress free foundation and a completely smooth, uniform surface free of any voids, knots or patches that could show through the finish.

C  
P  
C  
S



## MODEL CSCLC 5:

### QUALITY STANDARDS:

Premium Grade conforming to or exceeding WDMA Industry Standard I.S. 1-A-11 or Architectural Woodwork Institute Standards for type SCL or FD 1/3, as tested per UL10C/NFPA252 "Fire Test of Door Assemblies" performed by Intertek Testing.

### MAXIMUM SIZE:

**Single Door** (unrated)  
4/0 wide, 10/0 high

**Pairs** (unrated) 4/0 wide,  
10/0 high, (8/0x10/0  
opening)

**Single Door** (20 minute)  
4/0 wide, 9/0 high

**Pairs** (20 minute) 4/0 wide,  
9/0 high, (8/0x9/0 opening)

**THICKNESS:** 1-3/4" ( $\pm 1/16$ ")

### FRAME COMPONENTS:

#### Stiles -

(Before Trim or Prefit)\*  
one piece, clear, matching/  
compatible hardwood face  
laminated, SCL back, for  
painting or staining. 1-1/4"  
total width. Minimum specific  
gravity of 0.39 for stile face  
and back. Contact factory for  
other options.

#### Rails -

(Before Trim or Prefit)\* 1-3/4"  
SCL one piece.

### INTERIOR BLOCKING:

None required.

### CORE:

Manufactured to WDMA I.S.  
1-A section for Structural  
Composite Lumber.

### FACES:

All veneer species as available  
meeting AWI or WDMA  
grading rules as specified,  
MDO or HPL Type I or II bond  
as specified.

### ASSEMBLY:

Core and frame are uniformly  
sized to a thickness of  
1-1/2" ( $\pm .015$ "). Core and  
frame components are  
assembled to meet or exceed  
20 minute specifications.

### ADHESIVE:

Type I or Type II bond, by  
specification, between faces  
and core/frame components.

### WARRANTY:

Architectural Limited Warranty  
from date of manufacture. For  
original installation only.

### LABEL AUTHORITY:

May be labeled and  
classified by Warnock Hersey  
International or Underwriters  
Laboratories as a 20 minute  
fire/ smoke barrier. Restrictions  
on machining and architectural  
accessories or application are  
per governing authority.

### APPLICATION EXCEPTION:

Exterior application of this  
product is Not Warranted.

### PERFORMANCE STANDARDS:

Extra heavy duty available.

*\* Fire labeled doors may  
not be refit in the field  
if already factory prefit  
sized. If not factory  
prefit for length,  
maximum field trim is  
3/4" from the bottom  
only per NFPA-80.*

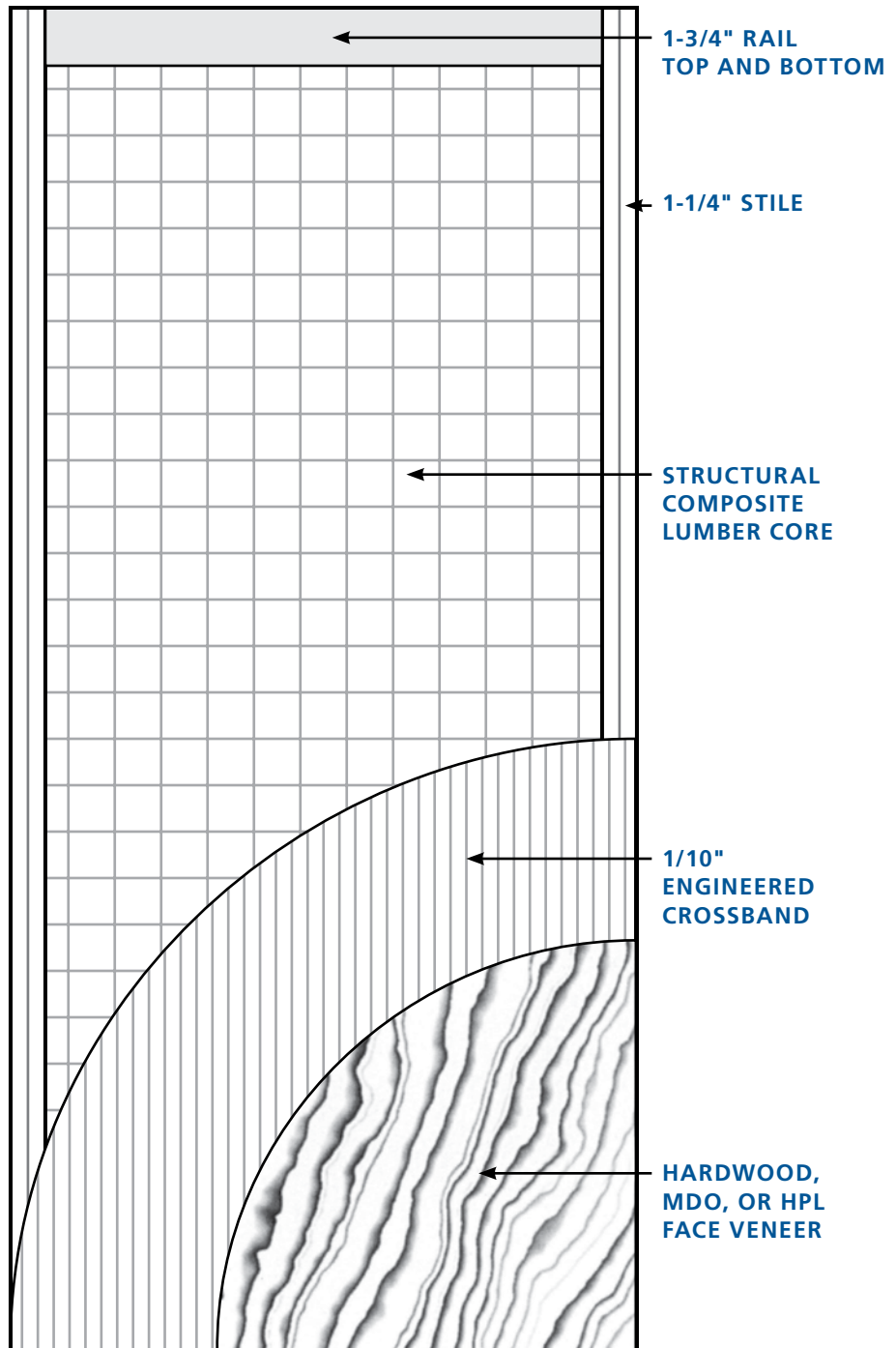
### Interior

An all purpose door of five ply construction.

Hardwood veneers are permanently bonded to crossband, wood slab, and frame.

The core consists of Structural Composite Lumber that utilizes wood strands from a variety of tree species providing an alternative to dimension lumber.

The material is engineered for strength and stability. While not really "lumber" it is marketed as a lumber substitute, to be used primarily in place of stave lumber core materials. SCL is tested under a number of ASTM and other test criteria. The precision surface core provides a smooth stratum for the hardwood doorskins.





**MODEL CFD 5:****QUALITY STANDARDS:**

Premium Grade conforming to or exceeding WDMA Industry Standard I.S. 1-A-11 or Architectural Woodwork Institute Standards for type FD5, as tested per UL10C/ NFPA252 "Fire Test of Door Assemblies" performed by Intertek Testing.

**MAXIMUM SIZE:**

**Single Door** 4/0 wide, 10/0 high

**Pairs** 4/0 wide, 9/0 high, (8/0x9/0 opening)

**Double Egress** 4/0 wide, 8/0 high, (8/0x8/0 opening)

**THICKNESS:**

1-3/4 (±1/16")

**FRAME COMPONENTS:****Stiles -**

(Before Trim or Prefit)\*  
Treated maple for 45 and 60 minutes, laminated maple for 90 minute, bonded to the core. All are available veneered to match the face.

**Rails -**

(Before Trim or Prefit)\*  
Treated wood, HDF or high density mineral per manufacturing specifications. Bonded to the core.

**INTERIOR BLOCKING:**

The purpose of inner Blocking is to attach surface mounted hardware and exit devices with screws, therefore eliminating through bolts on 45, 60, and 90 minute doors.

**CORE:**

Mineral Core is an asbestos-free, mineral-based product that meets the criteria for 45, 60, and 90 minute fire rated doors. The manufacturing of the fire door core is accomplished with a proprietary process developed by the manufacturer. The premium core is unique in regard to weight and strength properties.

**FACES:**

All veneer species as available meeting AWI or WDMA grading rules as specified, MDO, or HPL Type I or II bond as specified.

**ASSEMBLY:**

Core and frame are uniformly sized to a thickness of 1-1/2" (±0.15") Core and frame components are assembled to meet or exceed fire rating specifications.

**ADHESIVE:**

Type I or Type II bond, by specification, between faces and core/frame components.

**WARRANTY:**

Architectural Limited Warranty from date of manufacture. For original installation only.

**PERFORMANCE STANDARDS:**

Extra heavy duty available. Additional blocking may be required.

**LABEL AUTHORITY:**

May be labeled and classified by Warnock Hersey International or Underwriters Laboratories as 45-60-90 minute rating. Doors are capable of meeting the requirements for both positive and neutral pressure fire tests, including UBC 7-2 (97), UL 10C, NFPA 252 (2008), and UL 10B, REVI (2009) ASTM E152-81A, including the hose stream. Restrictions on machining and architectural accessories or application are per the governing authority.

**APPLICATION EXCEPTION:**

Exterior application of this product is Not Warranted.

**FIRE RATED ALTERNATIVES:**

Agrifiber, a wheat or flax based core, can be constructed to meet the criteria for 45 and 60 minute fire rated doors. The Agrifiber core allows greater compliance with LEED based requirements and provides an option to mineral based products. Contact the factory for details.

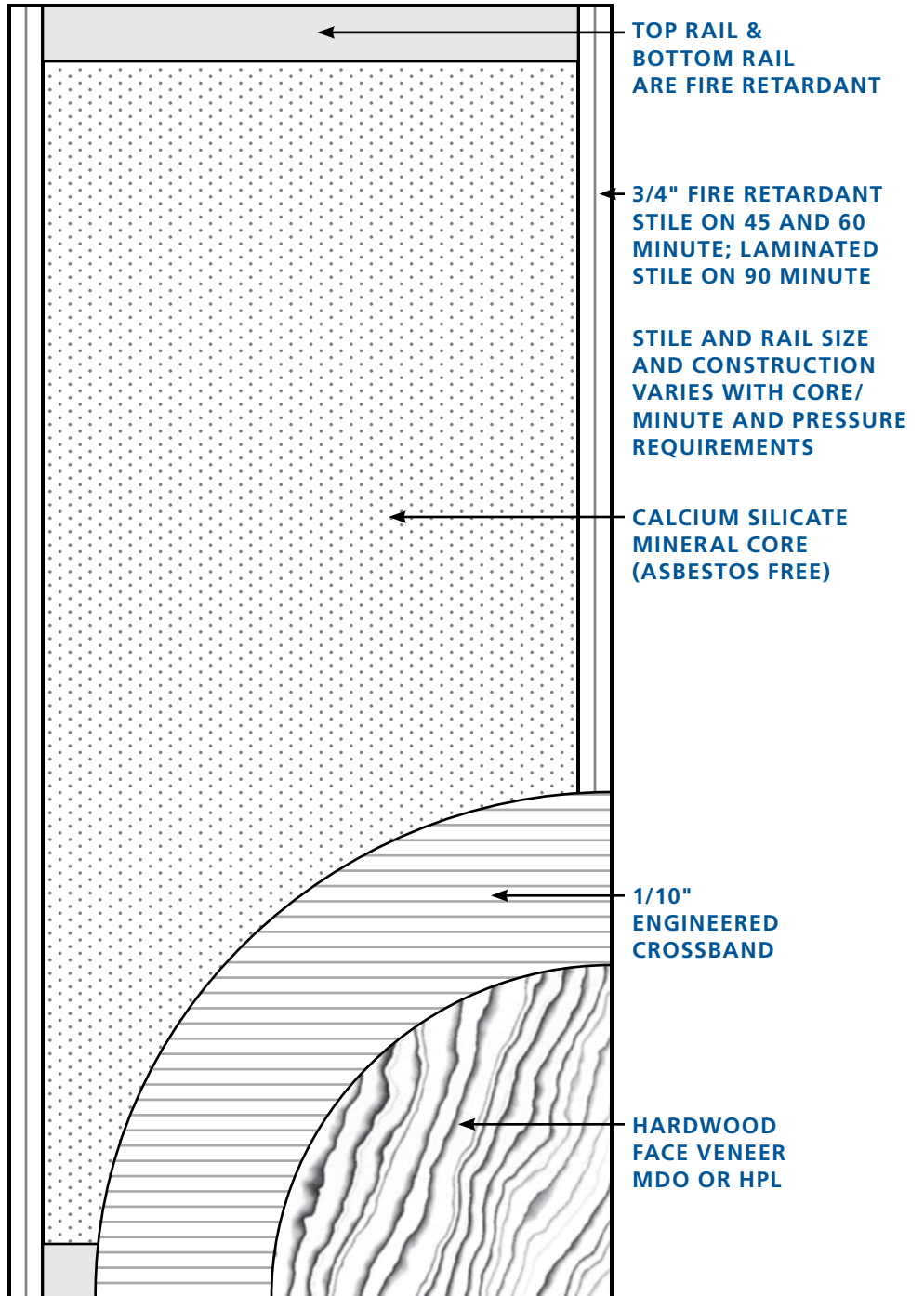
*\* Fire labeled doors may not be refit in the field if already factory prefit sized. If not factory prefit for length, maximum field trim is 3/4" from the bottom only per NFPA-80.*

## 45-60-90 MINUTE FIRE LABEL

### Interior

A rugged construction consisting of hardwood veneers permanently bonded to crossbands frame and core. The modulus of rupture and elasticity of the premium core is much higher than competitive products providing less breakage during manufacturing. The weight of this premium core is lighter than competitive products allowing for more units per shipment.

**C**  
**F**  
**D**  
**S**





## MODEL CFD5AFE:

### QUALITY STANDARDS:

Premium Grade conforming to or exceeding WDMA Industry Standard I.S. 1-A-11 or Architectural Woodwork Institute Standards for type FD5, as tested per UBC Standard 7-2 (1997) "Fire Test of Door Assemblies" performed by Warnock Hersey test methods.

### MAXIMUM SIZE:

**Single Door** 4/0 wide, 8/0 high

**Pairs** 4/0 wide, 8/0 high, (8/0x8/0 opening)

**Double Egress** 4/0 wide, 8/0 high, (8/0x8/0 opening)

### THICKNESS:

1-3/4 (±1/16")

### FRAME COMPONENTS:

#### Stiles -

(Before Trim or Prefit)\*  
Stile material is SCL with hardwood edges.

#### Rails -

(Before Trim or Prefit)\*  
Top rail material is SCL with concealed intumescent.  
Bottom rail material is SCL

### INTERIOR BLOCKING:

The purpose of inner timberstrand blocking is to attach surface mounted hardware and exit devices with screws, therefore eliminating through bolts on 45 minute doors.

### CORE:

Agrifiber core is an engineered composite door core panel made up of natural fiber where enhanced mechanical properties are desired. The panels are rapidly renewable, biodegradable; contain no free formaldehyde, thus giving preference toward LEED certification and meet criteria for 45 minute rated doors.

### FACES:

All veneer species as available meeting AWI or WDMA grading rules as specified, MDO, or HPL Type I or II bond as specified.

### ASSEMBLY:

Core and frame are uniformly sized to a thickness of 1-1/2" (±0.15") Core and frame components are assembled to meet or exceed fire rating specifications.

### ADHESIVE:

Type I or Type II bond, by specification, between faces and core/frame components.

### WARRANTY:

Architectural Limited Warranty from date of manufacture. For original installation only.

### PERFORMANCE STANDARDS:

Extra heavy duty available. Additional blocking may be required.

### LABEL AUTHORITY:

May be labeled and classified by Warnock Hersey International or Underwriters Laboratories as 45 minute rating. Doors are capable of meeting the requirements for both positive and neutral pressure fire tests, including CAN/ULC S104 (1985), NFPA 252 (2008), UL 10(c) (2001). Restrictions on machining and architectural accessories or application are per the governing authority.

### APPLICATION EXCEPTION:

Exterior application of this product is Not Warranted.

### FIRE RATED

### ALTERNATIVES:

Mineral Core is an asbestos-free, mineral-based alternate product that meets the criteria for 45, 60, and 90 minute fire rated doors. The manufacturing of the fire door core is accomplished with a proprietary process developed by the manufacturer. The premium core is unique in regard to weight and strength properties.

*\* Fire labeled doors may not be refit in the field if already factory prefit sized. If not factory prefit for length, maximum field trim is 3/4" from the bottom only per NFPA-80.*

*\* Alternate components apply for varying opening applications. See web page for details.*

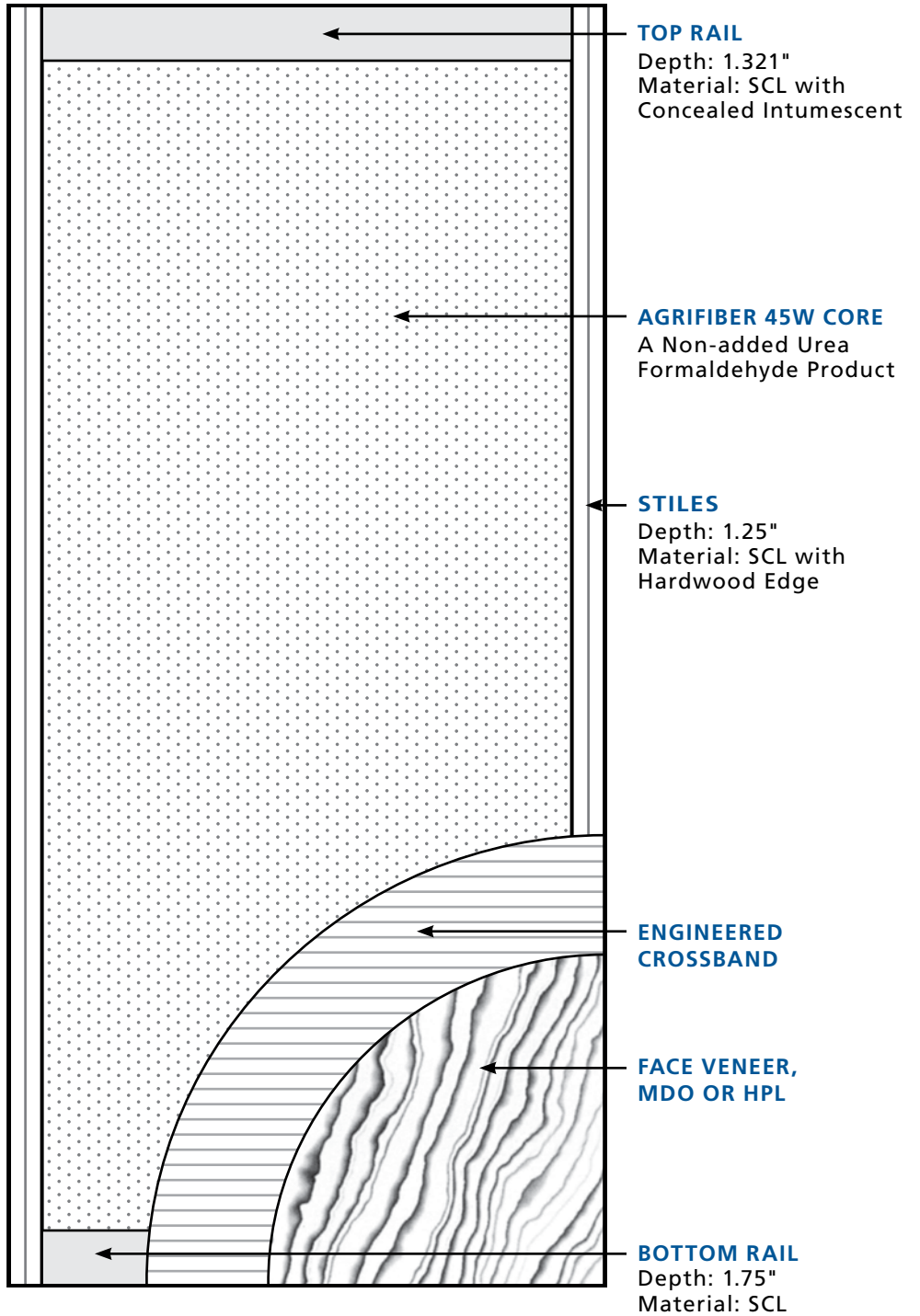
## 45 MINUTE FIRE LABEL

### Interior

A rugged construction consisting of veneers, MDO or HPL permanently bonded to crossbands, frame and core.

**C**  
**F**  
**D**  
**5**  
**A**  
**F**  
**E**

45E Neutral Pressure for Single Swing Applications up to 3/0 – 8/0



**MODEL CPC LL:****QUALITY STANDARDS:**

Premium Grade conforming to or exceeding WDMA Industry Standard I.S. 1-A or Architectural Woodwork Institute Standards.

**MAXIMUM SIZE:**

**Single Door** (unrated)  
4/0 wide, 8/0 high

**Pairs** (unrated) 4/0 wide, 8/0 high, (8/0x8/0 opening)

**THICKNESS:** 1-3/4" ( $\pm 1/16$ ")

**FRAME COMPONENTS:****Stiles -**

(Before Trim or Prefit)\*  
one piece, clear, matching/compatible hardwood face laminated, SCL or hardwood back, for painting or staining. 1-1/4" minimum total width. Minimum specific gravity of 0.39 for stile face and back.

**Rails -**

(Before Trim or Prefit)\*  
1-1/8" minimum top rail and 2" minimum bottom rail; SCL or hardwood - manufacturer specific.

**INTERIOR BLOCKING:**

Varies based on manufacturer and core.

**CORE:**

LD-2 particleboard (manufacturer specific) or Structural Composite Lumber manufactured to WDMA Standards.

**FACES:**

All veneer species as available meeting AWI or WDMA grading rules as specified, MDO, or HPL Type I or II bond as specified.

**ASSEMBLY:**

Core and frame are uniformly sized. Core and frame components are assembled and one half of required lead thickness is bonded to each side of core.

**LEAD:**

Full width and height sheet lead is applied to both sides of the core. 1/16" or 1/8" total lead thickness available.

**ADHESIVE:**

Type I or Type II bond, by specification, between faces and core/frame components.

**WARRANTY:**

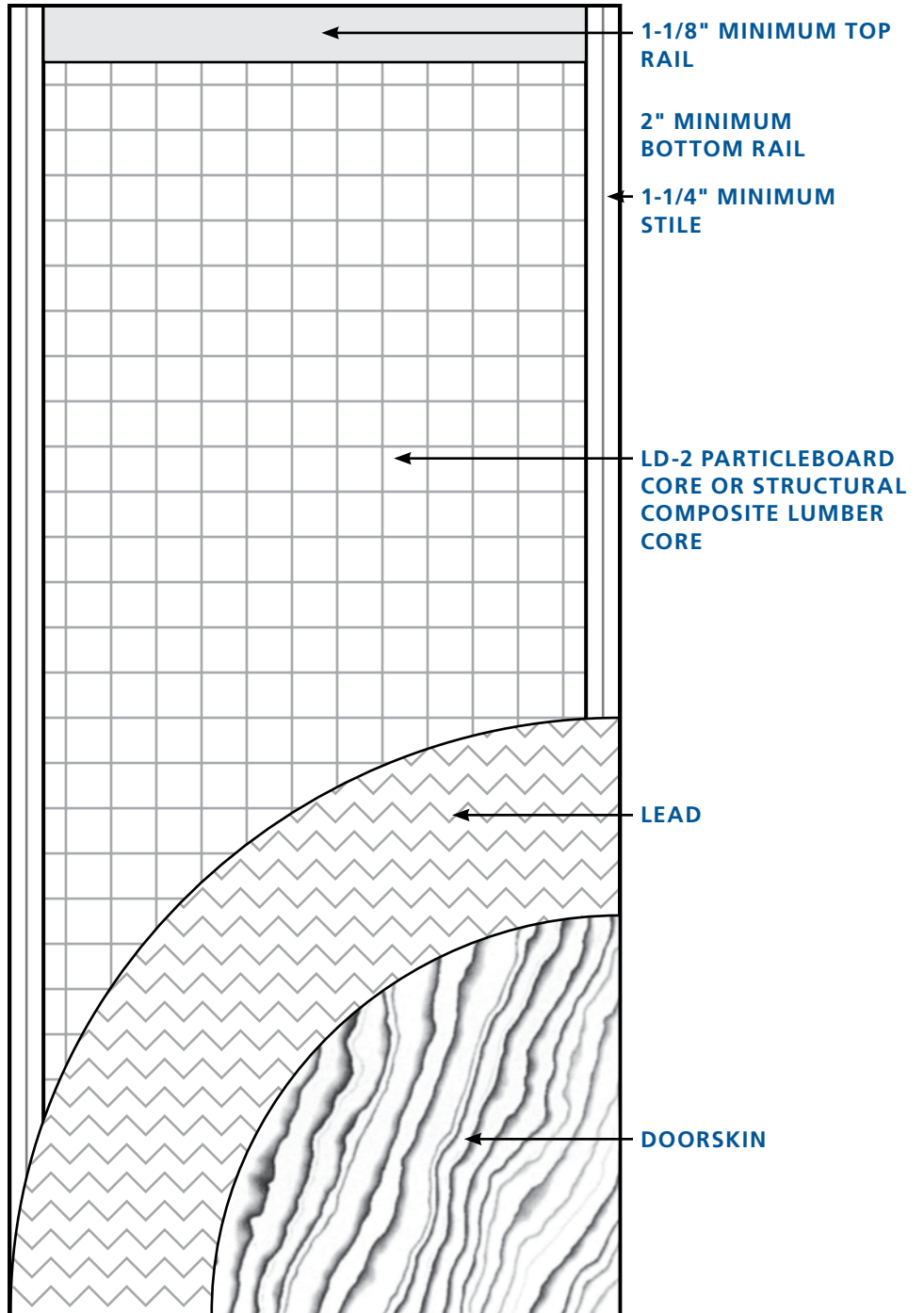
1 year from date of shipment. For original installation only.

### Interior

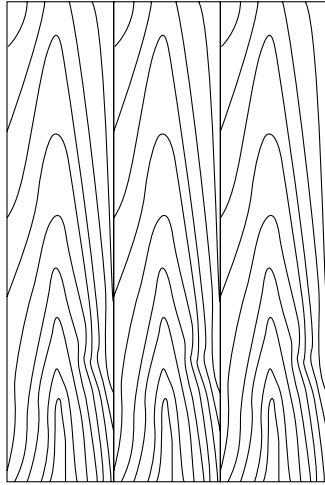
An all purpose door of lead lined construction.

Hardwood doorskins are permanently bonded to wood slab and frame. The core consists of LD-2 Particleboard core or Structural Composite Lumber on request that utilizes wood strands from a variety of tree species. Both materials provide strength and stability. Both cores provide a uniform base for the hardwood doorskins.

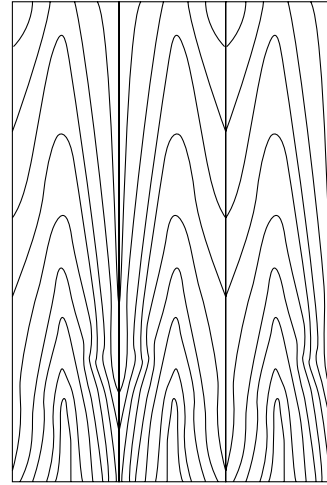
C  
P  
C  
L  
L



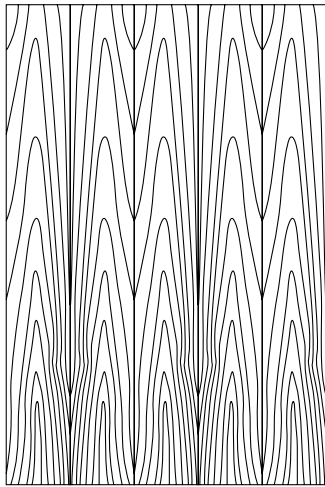
## MATCHING BETWEEN INDIVIDUAL PIECES OF VENEER:



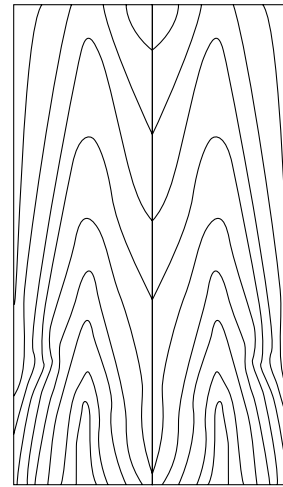
**Slip Match:** Adjoining pieces of veneer are placed in sequence without turning over every other piece. The grain figure repeats.



**Book Match:** The most commonly used match in industry. Every other piece of veneer is turned over so adjacent pieces are like two adjacent pages in an open book.



**Balance Match:** A symmetrical appearance where each face is assembled from pieces of uniform width before trimming.



**Center Balance Match:** A symmetrical appearance where each face has an even number of veneer pieces of uniform width before trimming. Thus, there is a veneer joint in the center of the panel, producing symmetry.

## RECOMMENDATIONS

Slip matching is recommended to reduce “barber poling” appearance, especially the quartered and rift cut veneer.

Rift cut is recommended in oak veneer to reduce the fleck/ray which may be undesirable in quartered cut oak.

## CRAFTED OPTIONS FOR OUR CUSTOMERS

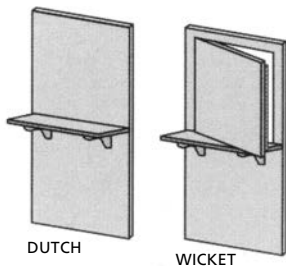
In addition to custom prefinishing, Chappell offers three-way machining, prefitting and/or beveling, sanding, and protective packaging. Chappell doors arrive at your job site complete, ready for hardware and hinges. No on location labor and handling saving you substantial costs.

**ADDITIONAL OPTIONS:** Supply schedules, templates, approved door frame and hardware, and Chappell will complete all machining information and machining sheets.

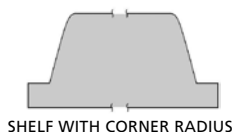
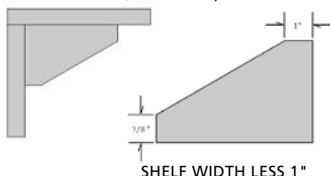
### DUTCH DOOR AND WICKET DOOR:

For Dutch doors specify if shelf is required on one or both sides taking into consideration the thickness of shelf when specifying hardware locations. Shelves and brackets will be shipped separately. Standard shelf widths are 8" for single side and 10", or 12" for both sides. Shelf bracket is 1 inch less than width of shelf. Shelf and brackets are matching in thickness 7/8". Rabbeting of Dutch door by special request.

When specifying Wicket doors, indicate size of call door, shelf, number of shelf brackets, and hand. Top and lock edge of call door and opening are rabbeted. Shelves and brackets will be shipped separately. Shelf and brackets are matching in thickness 7/8". Rabbeting of call door by special request.

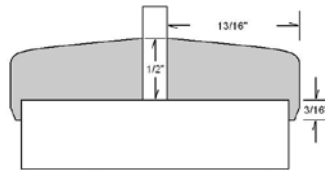


SHELF DESIGNED TO ATTACH TO TOP OF DOOR (STANDARD)



Chappell doors are manufactured to meet or exceed WDMA Industry Standard 1.5.1 Series and AWI Quality Standards Sections 1300

### WOOD LIP MOLDING PROFILE:



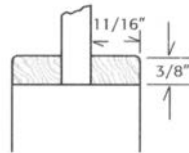
Hardwood lip molding for 1/8" or 1/4" glass standard (other thicknesses by special request up to 5/8"). Molding tacked in for easy removal. Glass size recommended 1/8" under door cutout.

### WOOD LOUVER CHEVRON DESIGN:



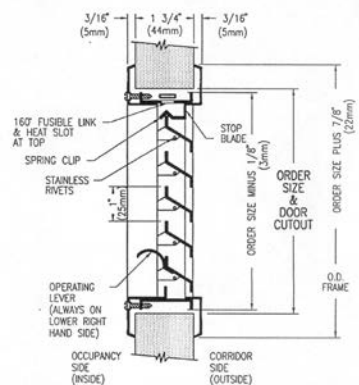
Hardwood louver assembled with Lip or Flush Beading with approximately 33% free air. All sizes available.

### WOOD FLUSH MOLDING PROFILE:



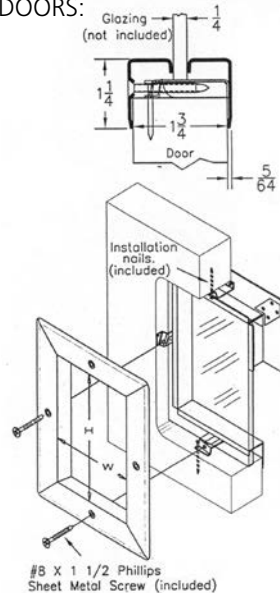
Hardwood molding for 1/8" or 1/4" glass standard (other thicknesses by special request). Molding tacked in for easy removal. Glass size recommended 1/8" under door cutout.

### METAL FUSIBLE LINK LOUVER:



### METAL OR WOOD VENEERED METAL VISION PANEL DETAILS

FOR 20,45,60, AND 90 MINUTE FIRE DOORS:



No Glazing Compound, Tape Or Intumescent is required for most label applications for reduced cost, simplified installation and improved appearance.

Low Profile – Provides less interference for exit hardware.

No Sharp Corners, 5/32 Radius

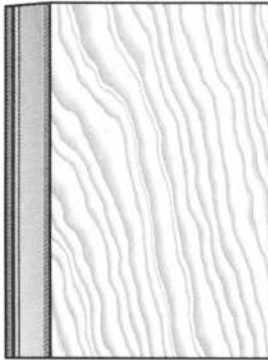
Welded Stiffener reduces corner flex.





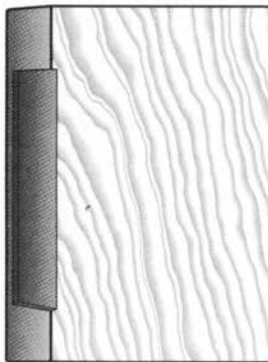
## CHAPPELL COMPLETE MACHINING

### RADIUS EDGE:



1 - 1/2" Radius standard.

### ROUTED FOR BUTTS:



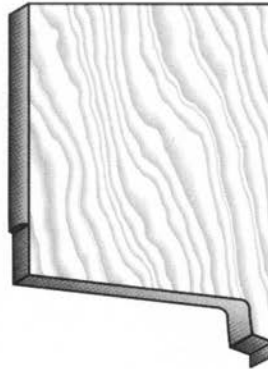
Two or more butts  
3-1/2" X 3-1/2" to 5" X 5"  
with 5/8", 1/4", or square  
corners, centerline or  
non-standard locations.

### AUTOMATIC FLUSH BOLTS:



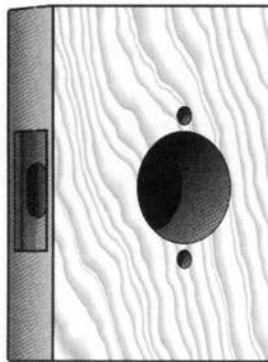
Complete machining for all flush  
bolts. Extension rod flush bolt  
maximum rod 36".

### SPRING LOADED PIVOT HINGE:



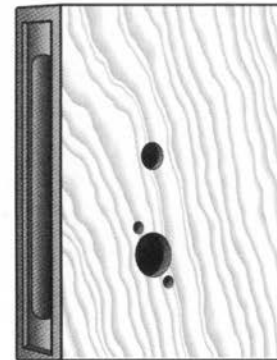
Complete machining for all  
pivot hinges.

### DRILLED FOR LOCKSET WITH THROUGH HOLES:



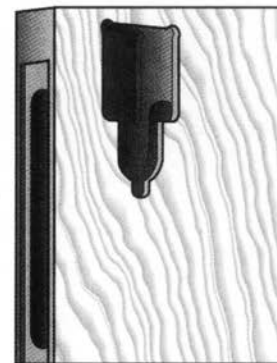
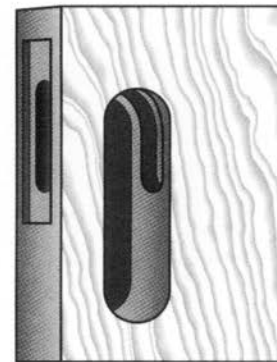
Chappell can meet any  
lockmaker's specifications,  
boring on centerline or  
elsewhere. Include  
specifications with order.

### MORTISE LOCK MACHINING:



Providing a snug, smooth  
aperture for insertion of  
door hardware.  
A choice of 2 or more holes.

### ELECTRONIC LOCK MORTISE MACHINING:

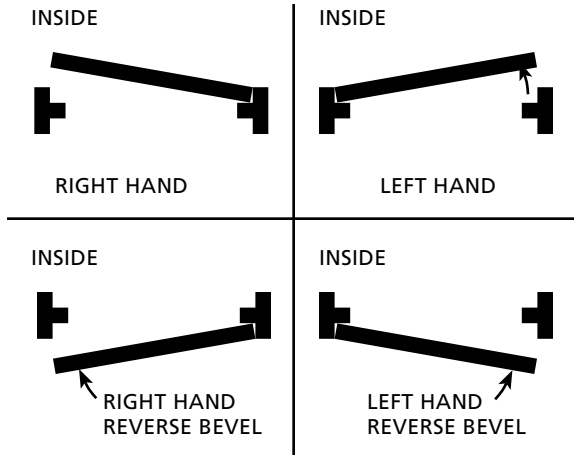


Any configuration of electronic  
locks available.



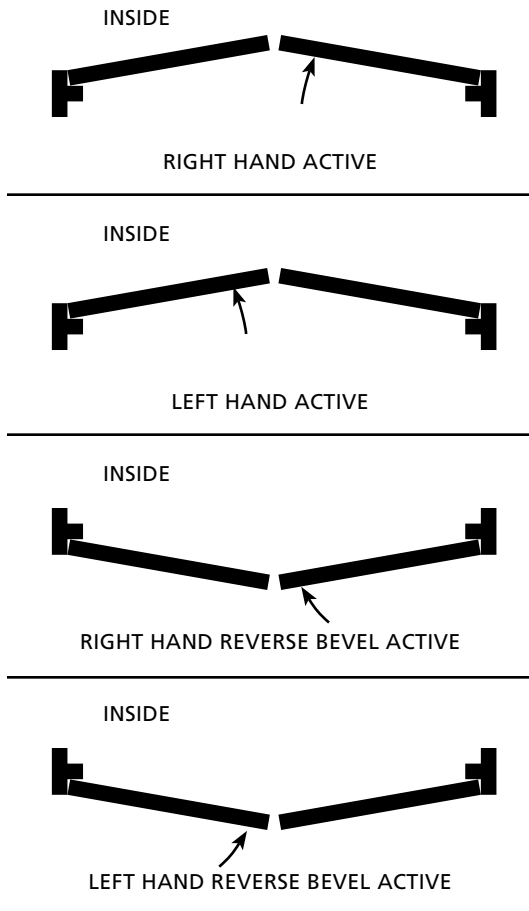
## DOOR HANDING CHART

### SINGLE DOORS



BUILDING
LOCATION
OWNER
ARCHITECT
CONTRACTOR

### DOOR PAIRS



PRESENTED BY
JOB NAME
DRAWN BY
DATE
CONTRACT/JOB NUMBER

DATE	REVISIONS	BY



1730 Washington Ave, Solar Lane, Washington Court House, Ohio, 43160-2332  
**(740) 335.2727 • (800) 800.3225 • Fax: (740) 335.8049**  
**[www.Chappelldoor.net](http://www.Chappelldoor.net)**



# PRE MACHINE DOOR SCHEDULE

<b>CUSTOMER</b>	<b>JOB NAME</b>	<b>CDC NUMBER</b>	<b>PAGE</b> _____ <b>OF</b> _____
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<b>FRAME SIZE</b> _____ FT _____ IN X _____ FT _____ IN X _____ IN <b>PREFIT DOOR SIZE</b> _____ FT _____ IN X _____ FT _____ IN X _____ IN	<b>POSITIVE PRESSURE</b> <input type="checkbox"/> A <input type="checkbox"/> B <input type="checkbox"/> NEUTRAL	<b>PO NUMBER</b> _____	<b>FINISH</b> <input type="checkbox"/> CLEAR <input type="checkbox"/> STAIN MIX # _____ <input type="checkbox"/> POLY BAG <input type="checkbox"/> CARDBOARD
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<b>BEVEL</b> <input type="checkbox"/> 15 <input type="checkbox"/> 25 <input type="checkbox"/> SQ	<b>HINGES / PIVOTS</b> _____	<b>FIRE DOOR LABEL</b> _____	<b>CORE TYPE</b> _____
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<b>SIZE</b> _____	<b>MFG. NO</b> _____	<b>SPECIES</b> _____	<b>SPECIAL MATCH: RUNNING BOOK STD:</b> _____
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<b>TOP OF DOOR TO TOP OF HINGE</b> 	<b>LOCK</b> <b>MFG. NAME &amp; FUNCTION</b> _____ <b>TEMPLATE NO.</b> _____ <b>TOP OF DOOR TO CENTER OF LOCKFRONT</b> 
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<b>LIGHT</b> SIZE   W _____ L _____ TOP RAIL _____ LOCKSTILE _____	BEADING <input type="checkbox"/> MVP <input type="checkbox"/> CUTOUT ONLY <input type="checkbox"/> CI FLUSH <input type="checkbox"/> C2 LIP GLASS <input type="checkbox"/> YES <input type="checkbox"/> NO TYPE _____	<b>LOUVER</b> SIZE   W _____ L _____ LOCKSTILE _____ BTM RAIL _____ <input type="checkbox"/> CUTOUT ONLY <input type="checkbox"/> WOOD <input type="checkbox"/> METAL	<b>STILE EDGES</b> <input type="checkbox"/> MILL OPTION <input type="checkbox"/> COMPATIBLE UNLESS NOTED <input type="checkbox"/> MATCHING
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<b>CERTIFICATION</b> <input type="checkbox"/> FSC <input type="checkbox"/> AWIQCP <input type="checkbox"/> NAUF	<b>FLUSH BOLT TEMP</b> _____	<b>MORTISE HOLDER/STOP</b> _____ <b>DEGREE OF OPG</b> _____	<b>EXTRA BLOCKING</b> <input type="checkbox"/> TR <input type="checkbox"/> LK BLK (1) <input type="checkbox"/> BR <input type="checkbox"/> LK BLK (2)
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<b>DOOR NO.</b> _____	<b>TOTAL DOORS THIS PAGE</b> _____	<b>SWING</b> _____	<b>OTHER HARDWARE/REMARKS</b> _____ _____ _____ _____ _____
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1730 Washington Ave, Solar Lane, Washington Court House, Ohio, 43160-2332

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### WARRANTY SUMMARY

CHAPPELL DOOR COMPANY warrants that its doors listed below will provide satisfactory performance for their normal recommended use for the time periods shown:

DOOR TYPE	DOOR CONSTRUCTION	REHANG
SCLC Lumber Core	Five (5) Years	One (1) Year
Particleboard Core	Five (5) Years	One (1) Year
20 Minute SCLC	Five (5) Years	One (1) Year
20 Minute Particleboard Core	Five (5) Years	One (1) Year
Agrifiber Core	Five (5) Years	One (1) Year
B-90 Minute, Mineral WH	Five (5) Years	One (1) Year
B-60 Minute, Mineral WH	Five (5) Years	One (1) Year
C-45 Minute, Mineral WH	Five (5) Years	One (1) Year
Lead	One (1) Year from shipment	No Rehang
Standard Hollow Core	One (1) Year (up to 3/0 x 8/0 only) Excludes telegraphing and warpage	No Rehang
Veneered Edge	Three (3) Years (Door) & One (1) Year (Edge)	One(1)Year (Door)/ No Rehang (Edge)

**Note: Exterior applications are excluded from this warranty. Contact factory for any door construction not listed above.**

CHAPPELL DOOR COMPANY will have no liability under this or any implied warranties, unless, such doors have been handled, stored, finished, installed, and maintained (1) in accordance with the recommendations listed below, and (2) have been subjected only to reasonable and normal use. In addition, unless the doors are prefinished by CHAPPELL, CHAPPELL **will have no liability under this or any implied warranty for the finish of such doors.**

If any CHAPPELL door becomes defective PRIOR TO INSTALLATION, CHAPPELL will, at its option, either (1) repair the defective door, (2) replace with an identical new CHAPPELL door, i.e., in the same stage of fitting and/or finishing as was originally supplied (3) issue a credit not to exceed the delivered purchase price of the original door. **No liability whatsoever shall attach until the doors involved have been paid in full.**

In the event a CHAPPELL door becomes defective after installation, CHAPPELL DOOR COMPANY will agree if covered and indicated by the warranty summary above, in addition to the above to pay REASONABLE EXPENSES for removing and rehangng consistent with the above schedule from the date of invoice.

Such removal and rehangng shall be performed only after the cost of said work has been determined and approved by an authorized representative of CHAPPELL. If the defect for which the door is being rejected was apparent prior to hanging, CHAPPELL will replace the door only and will not be responsible for the cost of removing and rehangng said door.

NOTE: Any claim for replacement of defective doors must be inspected and approved by an authorized CHAPPELL representative. The Purchaser/Installer is responsible to inspect all doors upon receipt and notify CHAPPELL in writing, within thirty days of discovery of any defects. All parties must be afforded a reasonable time to inspect and investigate said defects. Before corrective action is taken, charges must be approved by CHAPPELL, or they will not be honored.

CHAPPELL shall in no event be liable for removal and rehangng costs in excess of **(1) the purchase price of the door in the raw for doors supplied in the raw by CHAPPELL, or (2) the purchase price of the door plus the cost of factory prefinish for doors supplied prefinished by CHAPPELL.**

### TOLERANCES

1. Size tolerance: thickness + or - 1/16", standard widths + or - 1/16", prefit widths + or - 1/16".
2. Squareness tolerance: diagonal measurement difference shall not exceed 1/8".
3. Factory hardware preparation tolerance: + 1/16" minus 0" tolerance will be allowed on lock preparation cutouts.
4. Stile, rail and core show-through (telegraphing) on hardwood veneered flush doors shall not be considered a defect unless the faces of the door vary from true plane in excess of 1/64" in any three inch span.
5. Warp shall not be considered a defect unless it exceeds 1/4" in the plane of the door itself.

The following warp allowances are for 1-3/4" doors. Doors wider than 3'0" and less than 7'0" in height, the warp shall not exceed 1/4" in a section 3'0" by the height of the door. Doors wider than 3'0" and higher than 7'0", the warp shall not exceed 1/4" in any 3'0" by 7'0" section. Doors up to and including 3'6" wide and over 7'0" in height, the warp shall not exceed 1/4" in any 7'0" length of a door section. Doors greater than 3'6" wide and 8'0" High are excluded from warranty for warpage. "WARP" is any distortion in the door itself and does not refer to the relationship of the door to the frame or jamb in which it is hung. The term "warp" shall include bow, cup and twist. Measuring the amount of warp present in a door, the following method shall be used: bow, cup and twist shall be measured by placing a straight edge, taut wire or string on the suspected concave face of the door at any angle (i.e., horizontally, vertically, diagonally) with the door in its installed position. The measurement of bow, cup and twist shall be made at the point of maximum distance between the bottom of the straight-edge, taut wire or string and the face of the door. NOTE: Action on any claim for warp or telegraphing may be deferred, at the option of CHAPPELL for a period not to exceed twelve (12) months from the date of claim. If a door had been installed prior to such claim being made, the door must remain hung in the original installation during the period of deferment to permit conditioning to humidity and temperature.

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(CONTINUED)

## EXCLUSIONS

### MATTERS EXCLUDED FROM THIS WARRANTY ARE AS FOLLOWS:

1. Natural variations in the color or texture of wood.
2. Unsatisfactory appearance or service caused by failure to follow recommended Handling, Finishing, and Installation Instructions.
3. **The appearance of field finished doors.**
4. Normal wear and tear including wear-through of the finish, or doors deteriorating for reasons other than material and workmanship of the door itself.
5. Doors faced with different species of veneer. Doors faced with different colors or patterns of plastic laminate.
6. The appearance of a high gloss on wood or plastic laminate doors.
7. Cracking of veneer, or warp, on veneer or plastic laminate doors resulting from:
  - a. Doors that are improperly hung or do not swing freely.
  - b. Doors, except SCLC with acceptable stile and rail construction, that have light and/or louver cutout areas exceeding 40 percent of the door area or one-half the door height.
  - c. Doors with light or louver cutouts nearer than 5" to the door edge (6" - fire doors) or doors with less than five inches between cutouts for lights, louvers, locks closures, and/or other hardware cutouts.
8. Cracking of plastic laminate surfaced doors with openings cut by other than CHAPPELL.
9. Any delamination caused by failure to protect and seal all exposed surfaces of the door.
10. Warranty against warpage on doors less than 1-3/4" thick regardless of height or width.
11. Warranty against warpage on doors greater than 1-3/4" thick regardless of height or width.
12. Doors over 7'6" in height hung with three or less hinges. This also applies to pivots. An intermediate pivot must be used.
13. Doors and/or panels faced with veneer from flitches supplied by the customer. CHAPPELL will bear no responsibility for the appearance of products laid up with veneer supplied by the customer.

## DOORS - CARE AND HANDLING AT SITE

### A. STORING

1. Store flat on a level surface in a clean, dry, well ventilated area protected from sunlight.
2. Doors should not be subjected to extremes of heat/or humidity conditions. Relative humidity should not be less than 25% or more than 55%.
3. Cover to keep clean, but permit air circulation.
4. Seal at the earliest possible moment. Edge seals are particularly important (see FIELD FINISHING).
5. Do not drag one door across another.

### B. HANGING

1. Allow doors to become acclimated to finished building heat and humidity before hanging.
2. In fitting for width, trim equally from both sides. Fire rated doors shall be trimmed ONLY from the lock edge and shall be trimmed no more than 3/16".
3. In fitting for height, do not trim top or bottom rails more than 3/4". Fire rated doors shall be trimmed ONLY from the bottom rails and shall be trimmed no more than 3/4" on 45, 60, and 90 minute doors. 20 minute doors shall be trimmed no more than 3/4" from top and bottom rails, unless ordered with oversized bottom rails.
4. Threaded-to-the-head wood screws are preferable for fastening all hardware on non-rated doors and required on all rated doors. Pilot holes must be drilled for all screws.
5. All 45, 60, and 90 minute doors may be hung with either half surface or full mortise hinges. Throughbolts must be used with half surface hinges and all other surface mounted hardware.
6. Use two (2) hinges for doors up to 60" in height, three (3) hinges for doors up to 90" in height, and one (1) additional hinge for every additional 30" of door height or portion thereof.
7. DO NOT REMOVE labels from fire rated doors.
8. Doors prefinished at the factory should be compared with the approved finish sample before hanging. Installation of prefinished doors shall constitute acceptance.

### C. FIELD FINISHING

1. Just prior to staining, sealing and finishing, DOORS MUST BE COMPLETELY BLOCK SANDED, WITH NOT LESS THAN 150 GRIT SANDPAPER, to remove all handling marks and raised grain.
2. Top, bottom, opening, and hardware recess edges must be sealed after fitting with at least two (2) coats of oil-based paint, varnish, or lacquer.
3. Water-based stains, paint, or latex primers should be avoided whenever possible because they raise the grain, may cause veneer splits, and have a tendency to highlight veneer joints.
4. Avoid dark colors on exterior doors in direct sunlight.
5. DO NOT USE STEEL WOOL on oak veneered or fire rated doors.
6. IT IS RECOMMENDED THAT A WASH COAT (THIN SEALER) BE APPLIED PRIOR TO THE USE OF A DARK STAIN IN THE FIELD TO AVOID BLOTCHY APPEARANCE AND/OR SHARP CONTRAST IN COLOR.

### 7. MANUFACTURERS' WARRANTIES DO NOT COVER APPEARANCE OF FIELD APPLIED FINISHES.

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Terms are net thirty days from date of invoice. A monthly service charge of the lesser of 1-1/2% or the maximum rate allowed by law may be added to any invoice remaining unpaid after 60 days from the invoice date.

No shipments will be made to past due accounts. No shipments will be made to an account if that shipment will exceed the credit limit established for that account.

All shipments are F.O.B. Washington Court House, Ohio.

All published price lists are subject to change without notice.

All orders will be priced at prices in effect at time of shipment unless specific quotes apply.

Orders are accepted subject to our ability to furnish, and may be revoked after acceptance due to conditions beyond our control.

Completion dates are the best estimate at the time of order entry and are not guaranteed ship dates. Deliveries via Chappell truck may vary based on availability of equipment.

Cancellations or changes in specifications of orders in process of manufacture will be subject to our approval. Charges will be made according to costs incurred by Chappell prior to cancellation or change. Completed orders can not be changed or canceled.

Merchandise may not be repaired, replaced or returned, at our expense, without prior written approval from the factory.



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