



**MASTERGRAIN™**  
REDEFINING THE ENTRY DOOR

**2018 MASTERGRAIN  
STOCK CATALOG**



**MILLWORK 360**

THE DEGREE OF SUPERIOR QUALITY

A Mastergrain Certified Distributor



C-159 Rustic Cherry Camber Top Entry Door with Direct Set Glass

## ABOUT MILLWORK 360

Millwork 360 was founded with one core purpose in mind: to create custom mouldings and doors that reflect the highest degree of superior quality. Our commitment to our clients - and to exceptional craftsmanship - allows us to fulfill any residential or commercial product needs across the Southeastern United States. We strive to be the most dependable source for precise, beautiful, and durable products with short lead times and on-time deliveries.

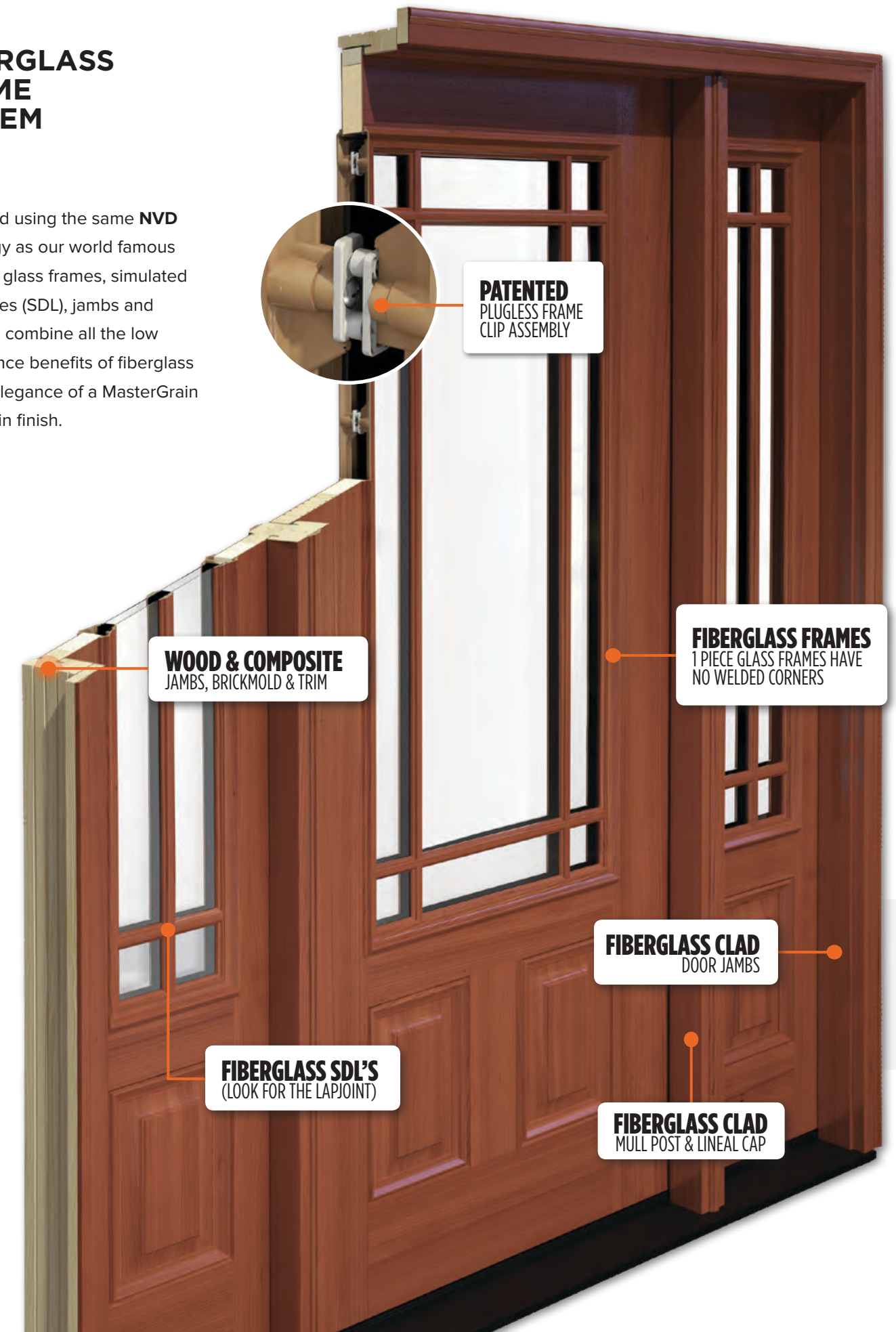
## ABOUT MASTERGRAIN

MasterGrain products are a premium line of fiberglass door system components featuring the most authentic wood grain replication in the door industry. MasterGrain combines beauty and high quality construction to its fiberglass doors so you can see 'The Difference is in the Details.'

MasterGrain is proud of its investment in the Canadian and American manufacturing infrastructure, and truly understands the marketplace it serves. Through creativity, innovation and leading-edge technology, MasterGrain will continue to develop the finest door system components to protect and enhance your home.

## FIBERGLASS FRAME SYSTEM

Developed using the same **NVD** technology as our world famous slabs, our glass frames, simulated divided lites (SDL), jambs and brickmold combine all the low maintenance benefits of fiberglass with the elegance of a MasterGrain wood-grain finish.



**PATENTED**  
PLUGLESS FRAME  
CLIP ASSEMBLY

**WOOD & COMPOSITE**  
JAMBS, BRICKMOLD & TRIM

**FIBERGLASS FRAMES**  
1 PIECE GLASS FRAMES HAVE  
NO WELDED CORNERS

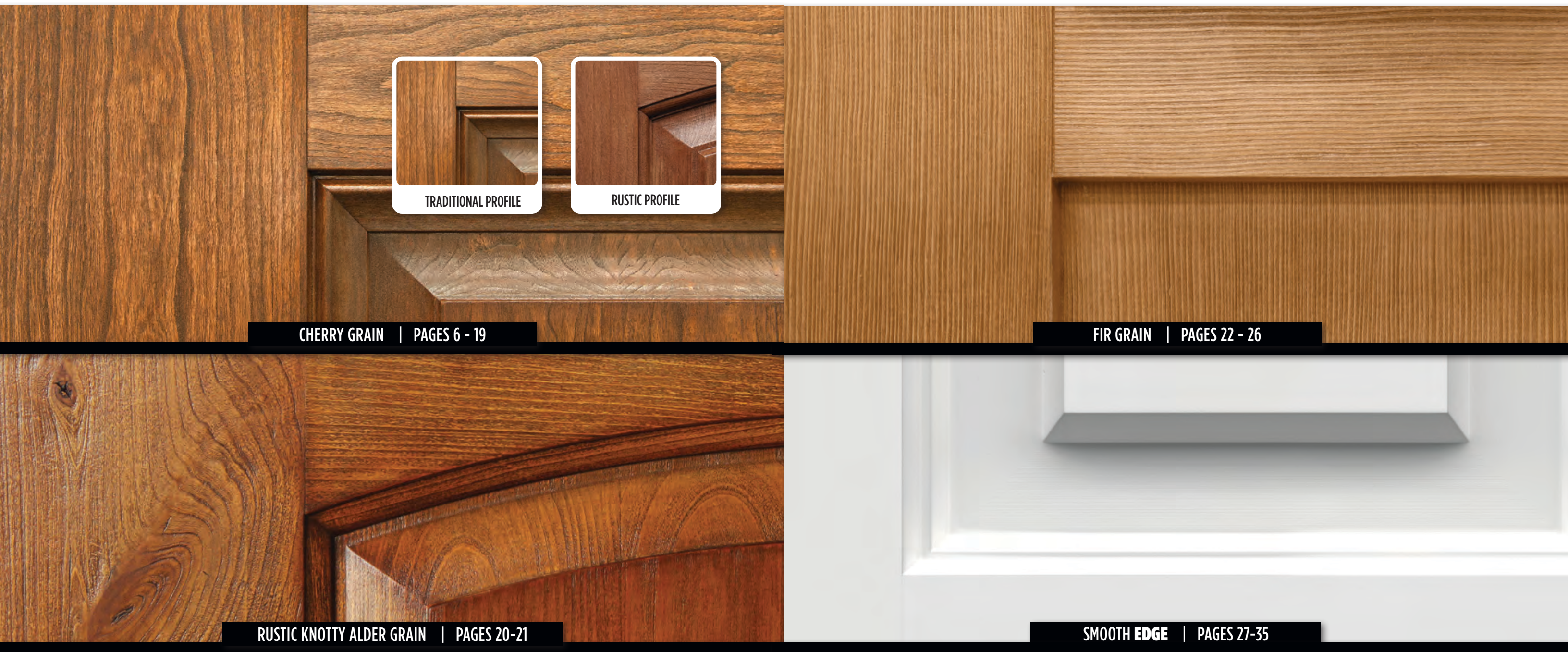
**FIBERGLASS CLAD**  
DOOR JAMBS

**FIBERGLASS SDL'S**  
(LOOK FOR THE LAPJOINT)

**FIBERGLASS CLAD**  
MULL POST & LINEAL CAP

## NVD GRAIN TECHNOLOGY

NVD Technology is a patented process that authentically replicates any natural surface. The door process begins by hand selecting the most desirable wood pieces to build a real wood door. A silicone casting accurately picks up the finest details of the wood grain and is transferred into a door mold using our NVD (Nickel Vapor Deposition) Technology. The mold produces fiberglass skins used on MasterGrain doors with random grain depths and all the natural characteristics of real wood making our doors virtually indistinguishable from real wood doors.



CHERRY GRAIN | PAGES 6 - 19

FIR GRAIN | PAGES 22 - 26

RUSTIC KNOTTY ALDER GRAIN | PAGES 20-21

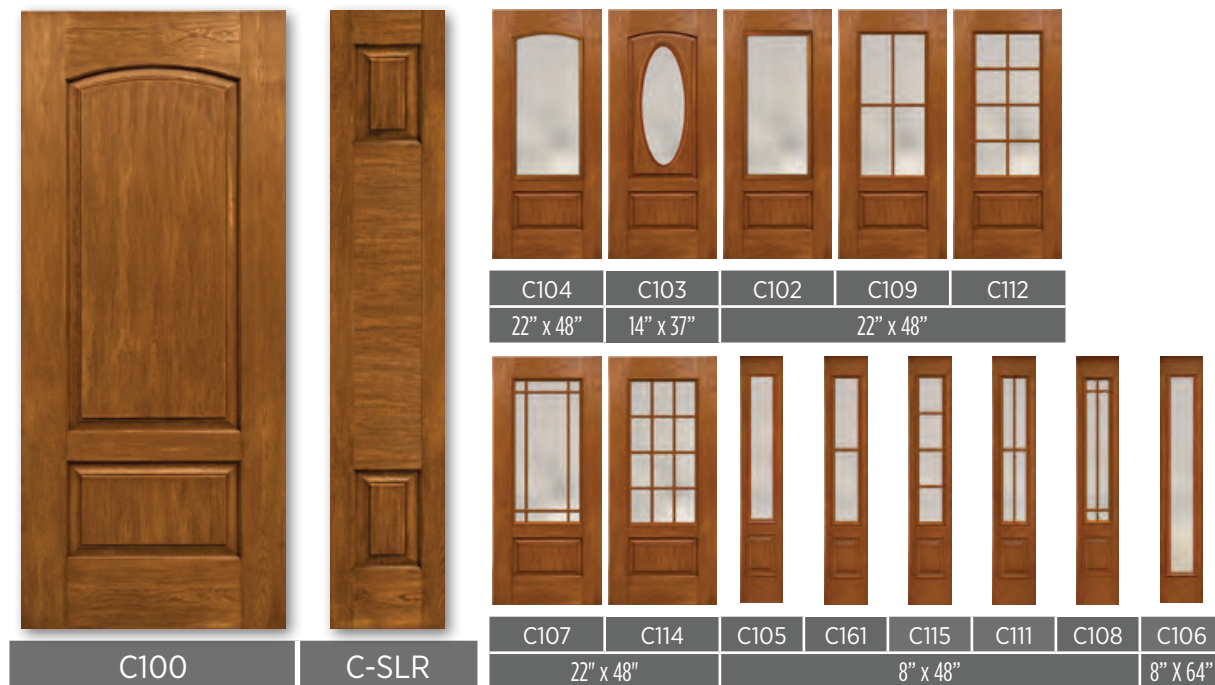
SMOOTH EDGE | PAGES 27-35



3'-0" x 8' C150 Rustic Cherry Two Panel Entry System

6'-8" HEIGHT

NOMINAL WIDTHS • 32x79 • 36x79  
SIDELITES AVAILABLE IN 12, 14 & 16" WIDTHS



8' HEIGHT

NOMINAL WIDTHS • 32x95 • 36x95  
SIDELITES AVAILABLE IN 12, 14 & 16" WIDTHS



6'-8" HEIGHT

SLAB SIZES • 36x79  
SIDELITES AVAILABLE IN 12, 14 & 16" WIDTHS



C116

C118

C120

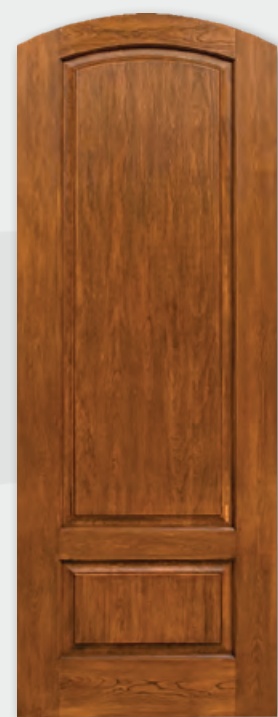
C122

8'-0" HEIGHT

SLAB SIZES • 36x95  
SIDELITES AVAILABLE IN 12, 14 & 16" WIDTHS

### Arched Top Doors

Standard arches shown.  
Custom arches also available.



C159



3'-0" x 8'-0" C159 Cherry Camber Top with Direct Sets and Transom

6'-8" & 8' HEIGHTS

NOMINAL WIDTHS • 36x79 • 36x95 • 42x95\*  
\*Stock Thickness: 2 1/4



C125



3'-6" x 8'-0" C125 Rustic Cherry Wide Plank Entry System with Custom Wrought Iron Clavos

6'-8" HEIGHT

NOMINAL WIDTHS • 32x79 • 36x79  
SIDELITES AVAILABLE IN 12, 14 & 16" WIDTHS



FULL DOOR LITE FRAME COMBINATIONS ALSO AVAILABLE AS SEEN ON PAGE 12.

\*36x79 Only

8' HEIGHT

NOMINAL WIDTHS • 42x95 (Stock Thickness: 1 3/4" & 2 1/4")  
SIDELITES AVAILABLE IN 12, 14 & 16" WIDTHS



8' HEIGHT

NOMINAL WIDTHS • 32x95 • 36x95  
SIDELITES AVAILABLE IN 12, 14 & 16" WIDTHS



3'-6" x 8'-0" C217 Traditional Cherry Two Panel Entry System with Matching C257 Sidelites and Custom Bevel Glass

6'-8" HEIGHT

NOMINAL WIDTHS • 36x79  
SIDELITES AVAILABLE IN 12, 14 & 16" WIDTHS



C200



C-SL



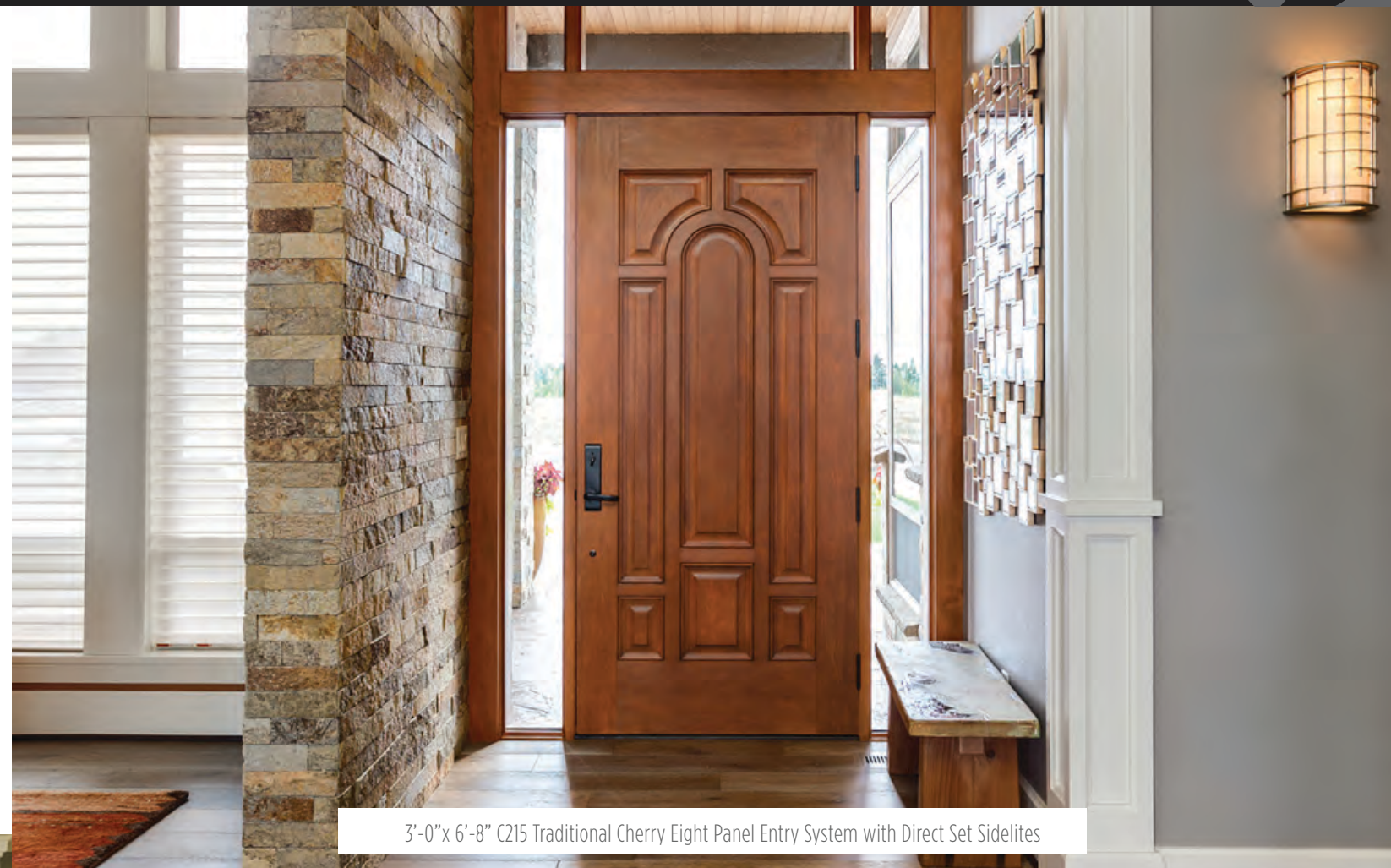
C201	C202	C203	C204	C205	C206	C260
22" x 64"	8" x 64"	22" x 36"	8" x 36"	22" x 11"	22" x 11"	22" x 36"



C212	C213	C214	C207	C208	C209	C210	C211
22" x 36"	22" x 36"	8" x 36"	22" x 64"	8" x 64"	22" x 64"	22" x 64"	8" x 64"



3'-0" x 6'-8" C205 Traditional Cherry Six Panel Entry System with Matching C202 Sidelites



3'-0" x 6'-8" C215 Traditional Cherry Eight Panel Entry System with Direct Set Sidelites

6'-8" HEIGHT

NOMINAL WIDTHS • 36x79  
SIDELITES AVAILABLE IN 12, 14 & 16" WIDTHS



C215



C216	C202	C208	C211
8" x 42"		8" x 64"	



3'-0" x 6'-8" C228 Traditional Cherry 3 Panel Entry Door

6'-8" HEIGHT

NOMINAL WIDTHS • 36x79  
SIDELITES AVAILABLE IN 12, 14 & 16" WIDTHS



C220



C-SL



C222	C224	C225	C223	C202
22" x 48"	22" x 48"	14" x 37"	8" x 48"	8" x 64"



C226	C227	C228	C229	C243	C230	C231	C232
22" x 48"	8" x 48"	22" x 48"	8" x 48"	8" x 48"	22" x 48"	22" x 48"	8" x 48"

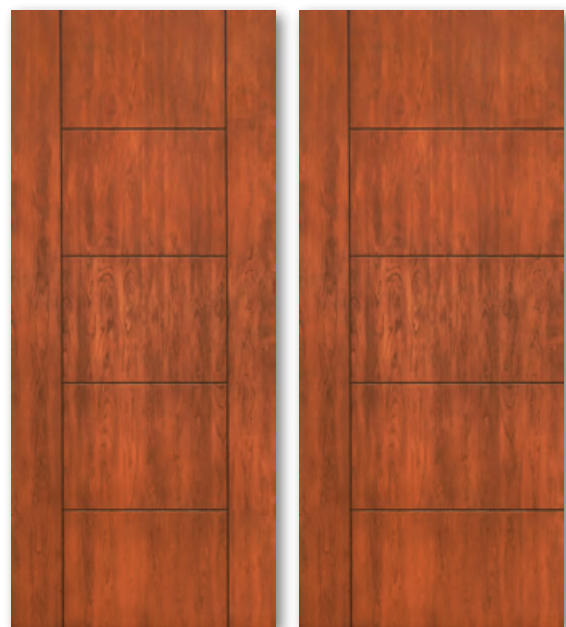


3'-0" x 6'-8" C500 Contemporary Engraved Cherry Entry System



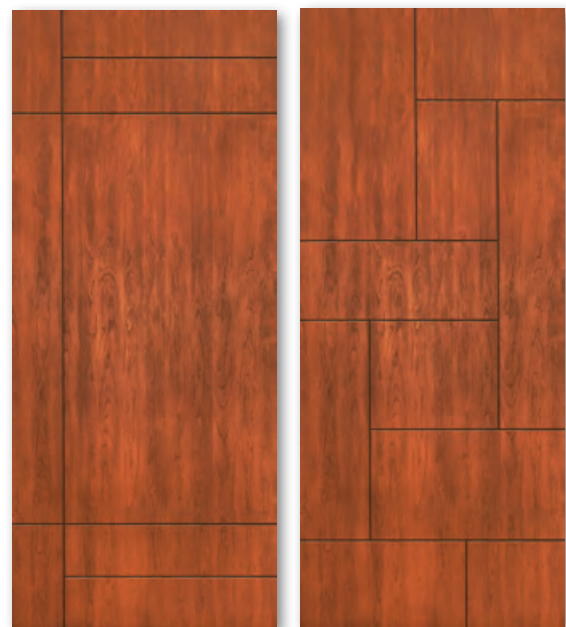
6'-8" HEIGHT

WIDTHS • 32x79 • 36x79  
SIDELITES AVAILABLE IN 12, 14 & 16" WIDTHS



C500

C501

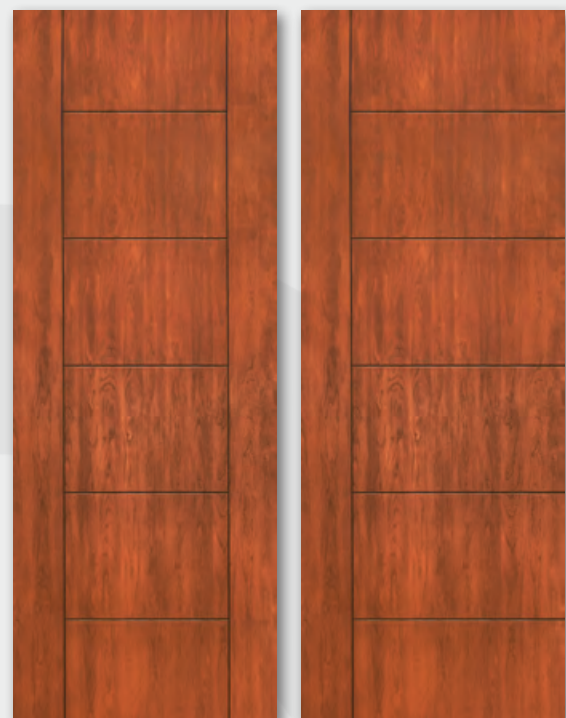


C536

C528

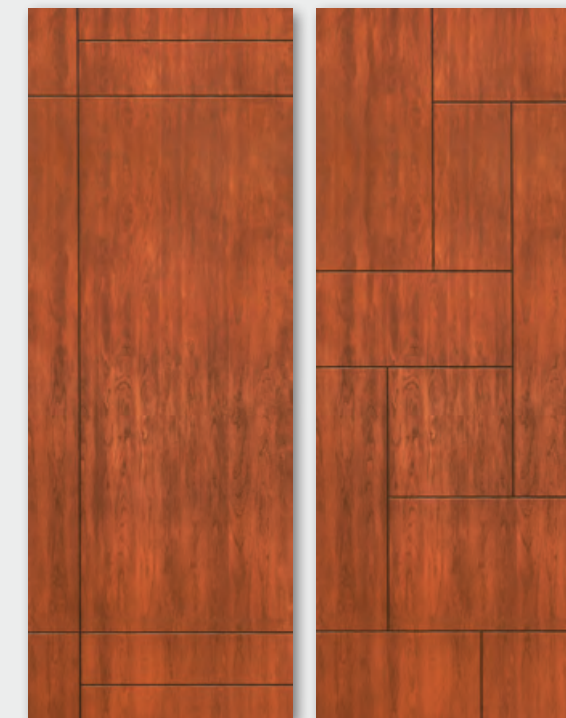
8' HEIGHT

NOMINAL WIDTHS • 32x95 • 36x95 • 42x95\* (\*Stock Thickness: 2 1/4")  
SIDELITES AVAILABLE IN 12, 14 & 16" WIDTHS



C550

C551



C552

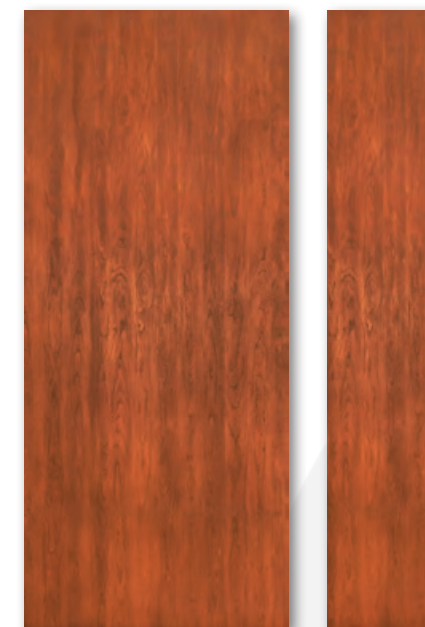
C553



3'-0" x 6'-8" C499 Contemporary Cherry Flush Door with 22 x 17 Smooth Edge Frames

6'-8" & 8' HEIGHTS

NOMINAL WIDTHS • 32x79 • 36x79 • 32x95 • 36x95 • 42x95\* (\*Stock Thickness: 2 1/4")  
SIDELITES AVAILABLE IN 12, 14 & 16" WIDTHS



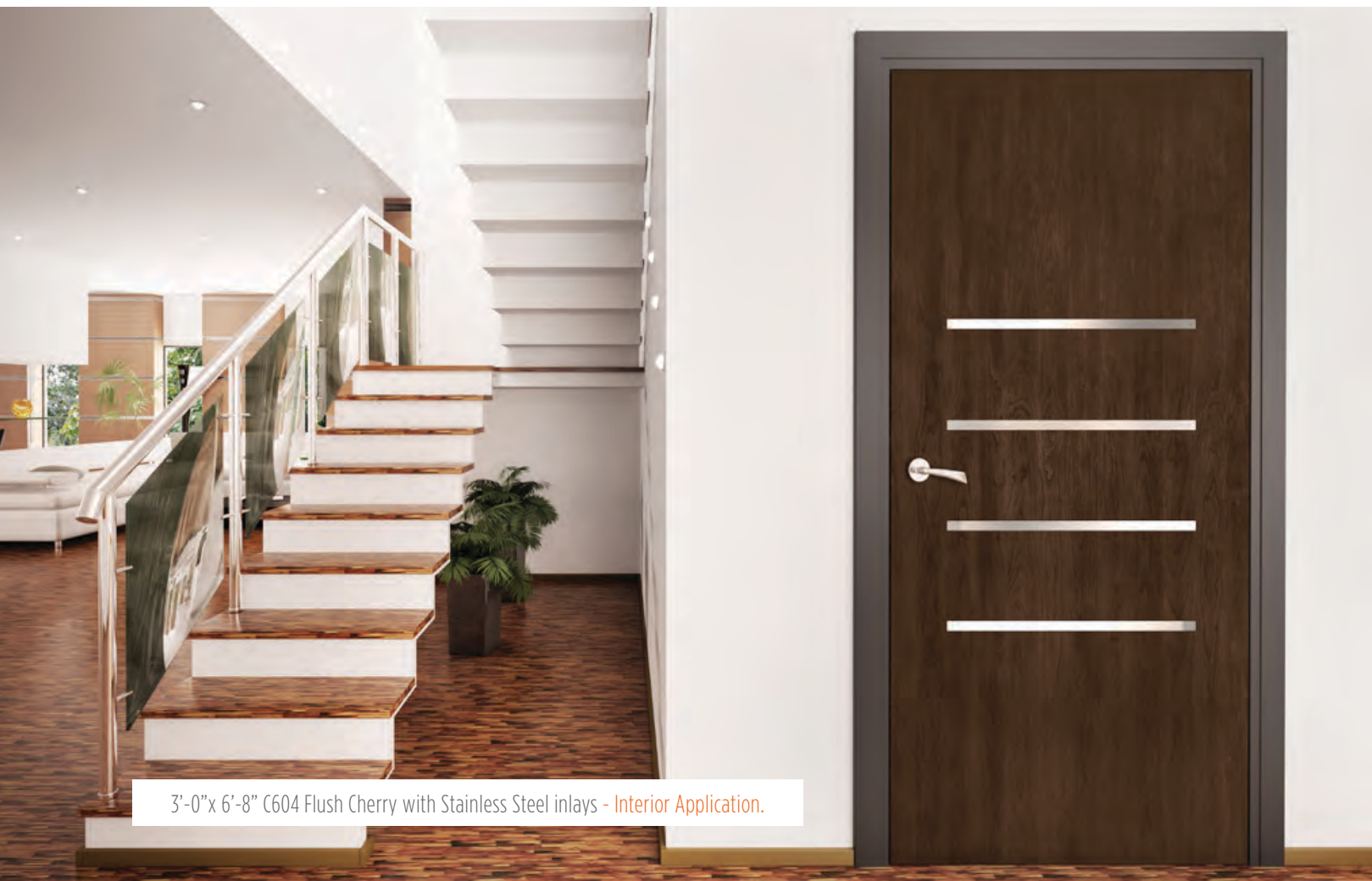
C499

C498

CUSTOMIZE YOUR  
FLUSH DOOR USING  
SMOOTH EDGE FRAMES  
ON PAGE 29

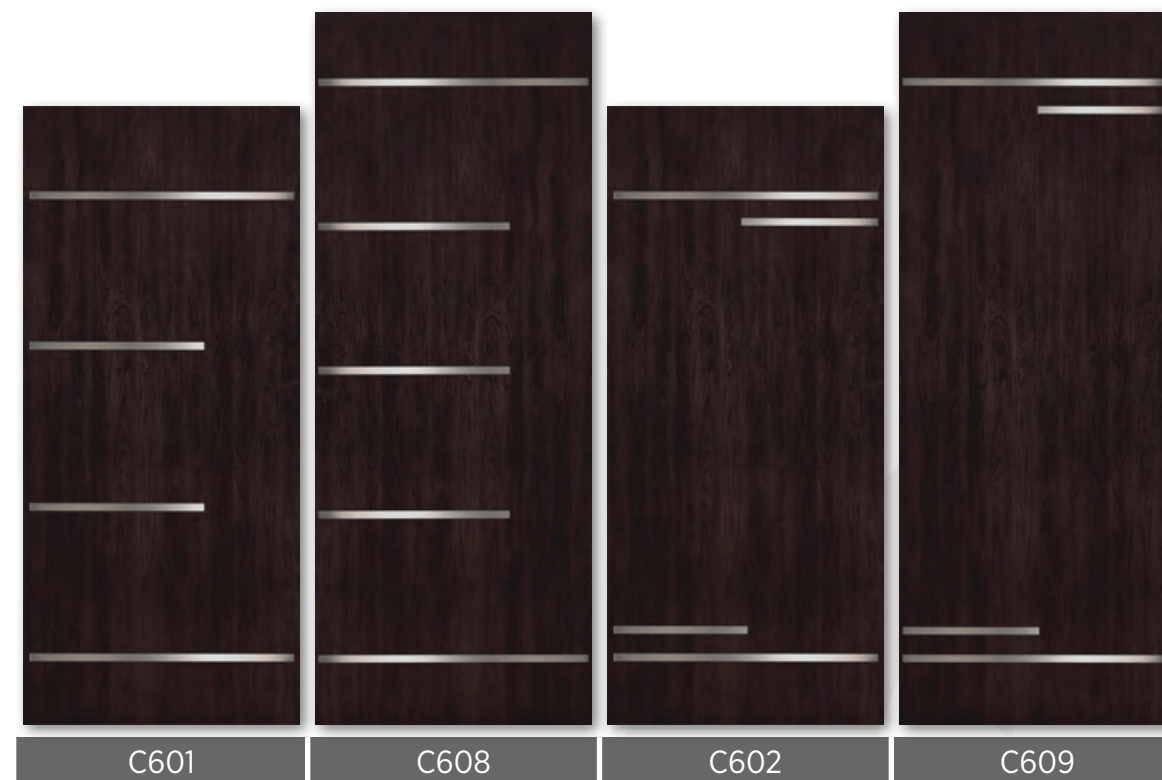
6'-8" & 8' HEIGHTS

NOMINAL WIDTHS • 36x79 • 42x79 • 32x95 • 36x95 • 42x95  
FLUSH CHERRY SIDELITES AVAILABLE IN 12, 14 & 16" WIDTHS (AS SEEN ON PAGE 17)



6'-8" & 8' HEIGHTS

NOMINAL WIDTHS • 36x79 • 42x79 • 32x95 • 36x95 • 42x95  
FLUSH CHERRY SIDELITES AVAILABLE IN 12, 14 & 16" WIDTHS (AS SEEN ON PAGE 17)



6'-8" HEIGHT

NOMINAL WIDTHS • 32x79 • 36x79  
SIDELITES AVAILABLE IN 12, 14 & 16" WIDTHS



KA160



KA-SLR



KA161 KA181 KA162 KA163 KA195  
22" x 36" 8" x 36"



KA175 KA176 KA177 KA179 KA164 KA178 KA180  
22" x 64" 8" x 64"

8' HEIGHT

NOMINAL WIDTHS • 32x95 • 36x95  
SIDELITES AVAILABLE IN 12, 14 & 16" WIDTHS



KA174



KA166



KA-8-SLR



KA167 KA170 KA171 KA196  
22" x 48" 8" x 48"



KA172 KA173 KA174 KA165 KA173 KA181  
22" x 48"



3'-0" x 8' KA166 Rustic Knotty Alder Two Panel Entry System and Matching KA196 Sidelites with Custom Glass



**FIR FRAMES ARE  
FLUSH FIT**  
INTEGRATED DENTIL SHELF  
OPTIONAL

3'-0" x 6'-8" F304 Craftsman Fir Standard Lite Entry System with SDL's.



3'-0" x 6'-8" F308 Craftsman Fir Dentil Shelf Lite Entry System with Direct Set Sidelites

6'-8" HEIGHT

**NOMINAL WIDTHS • 36x79**

SIDELITES AVAILABLE IN 12, 14 & 16" WIDTHS





3'-0" x 8' F811 Fir Mix & Match Entry System with Custom SDL Bars



3'-0" x 8' F801 Fir Mix & Match Entry System with Custom SDL Bars and Direct Set Sidelites.

# CREATE **ENDLESS POSSIBILITIES** WITH THE **MIX & MATCH** PROGRAM.

## SLAB SIZES

Heights: 6'8" & 8'  
Width: 36"

We've designed with you in mind. Our flexible new product line lets you **MIX & MATCH** the style of your modern or traditional entryway.

## 2 NEW FLUSH FIT FIR FRAMES

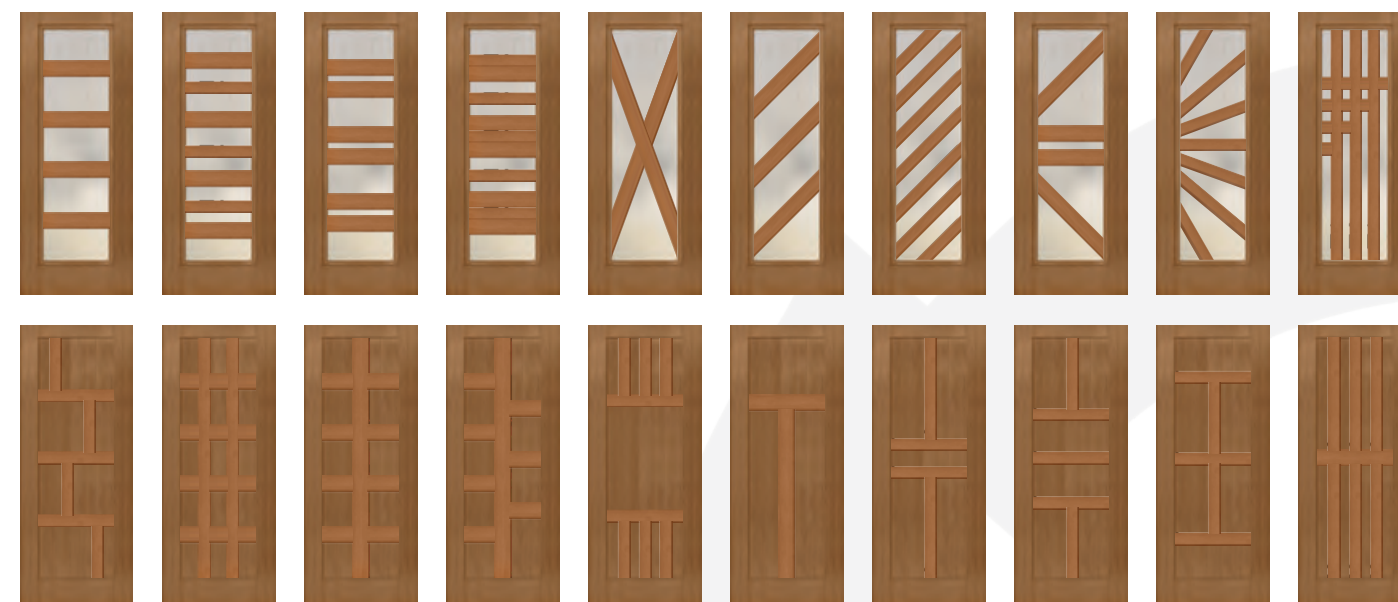
	22x64"	22x80"
6'8"	•	
8'		•



## THE ONLY LIMITATION IS YOUR IMAGINATION!

Perfect with glass or solid panel. SDL bars available in 2 widths. Lengths can be cut to create custom designs.

SDL FULL LENGTHS	WIDTH	LENGTH
SDL-F-35-96	3.5"	96"
SDL-F-5125-96	5.125"	96"



### 3.5" & 5.125" WIDE SDL BARS

Created using our unique **NVD** process, our new fiberglass SDL bars are available in 2 widths & various lengths. Optionally, customize lengths & angles to create the perfect look.

**NVD**  
TECHNOLOGY

3'-0" x 8' F811 Fir Mix & Match Entry System with Custom SDL Bars

3'-0" x 6'-8" E715 Smooth **EDGE** Two Panel Door



3'-0" x 6'-8" E700 Smooth **EDGE** Two Panel Door



3'-0" x 6'-8" E714 Smooth **EDGE** Three Panel Door

6'-8" & 8' HEIGHTS

NOMINAL WIDTHS • 36x79 • 36x95



6'-8" HEIGHT

NOMINAL WIDTHS • 32x79 • 36x79  
SIDELITES AVAILABLE IN 12 & 14" WIDTH



AVAILABLE IN  
.090" OR .175"  
SKIN THICKNESS

CUSTOMIZE USING  
FRAMES SHOWN ON  
FOLLOWING PAGE



E701

E712

E713

E714

22" x 17"

E700

E702

E715

E716

E717

E718

22" x 48" 8" x 48" 22" x 64" 8" x 64"



3'-0" x 8' E710 Smooth **EDGE** Two Panel Doors

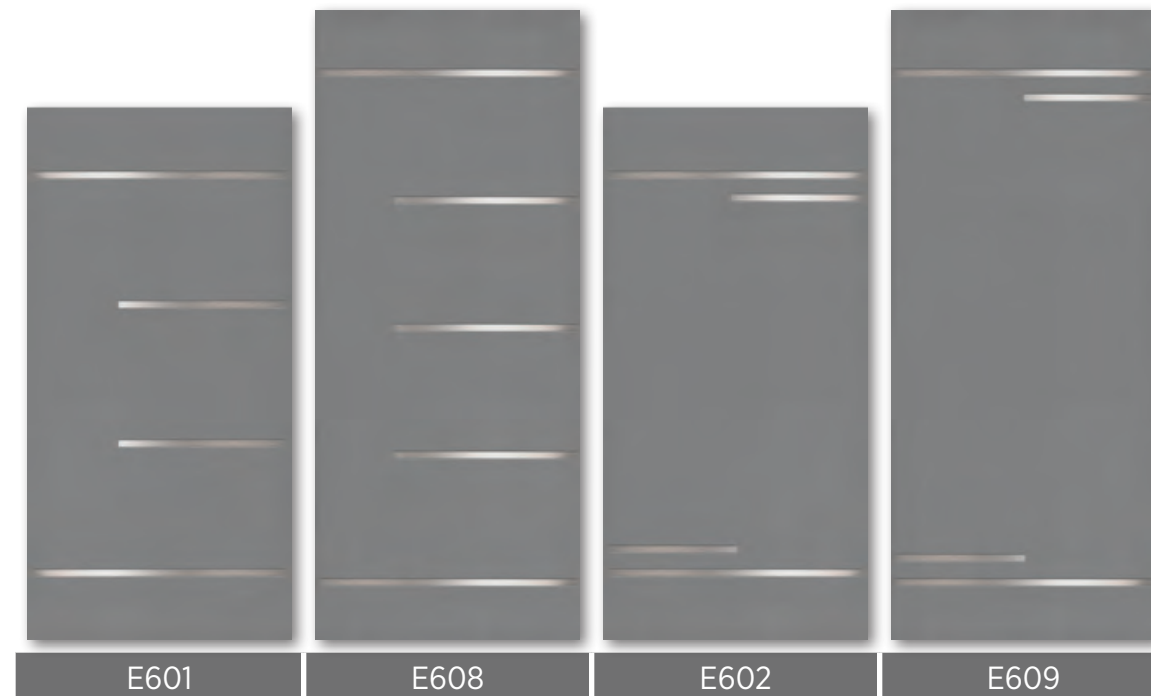


6'-8" & 8' HEIGHTS

NOMINAL WIDTHS • 36x79 • 36x95



† ONLY AVAILABLE FOR 36X95"

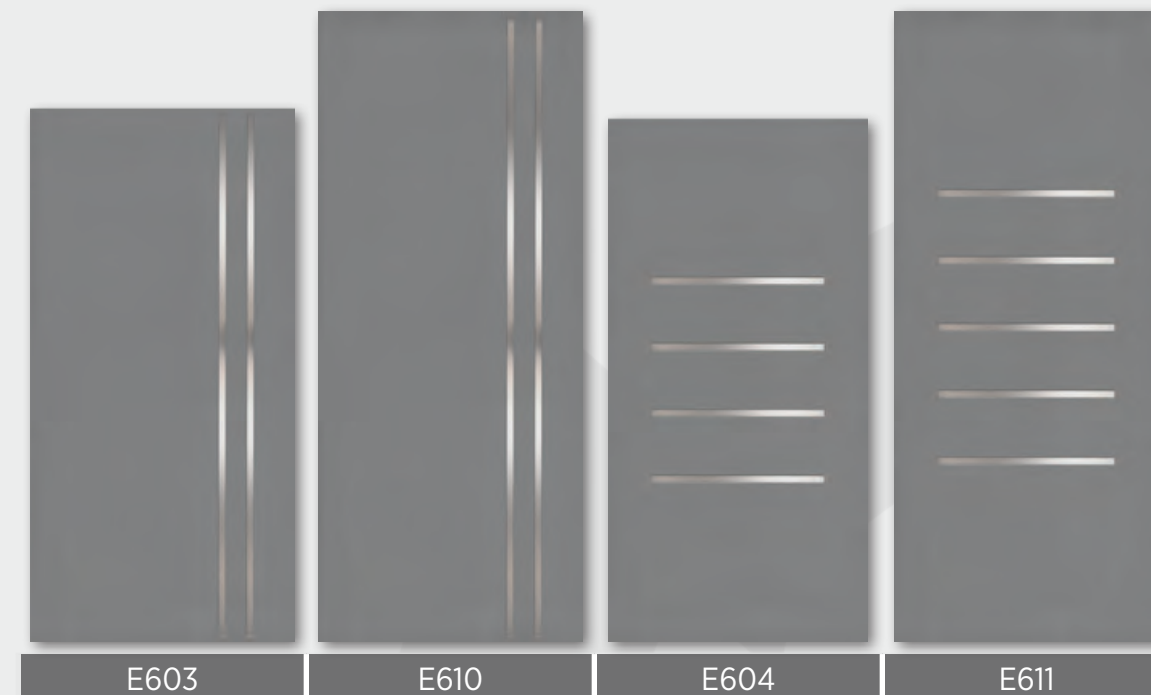


8' HEIGHT

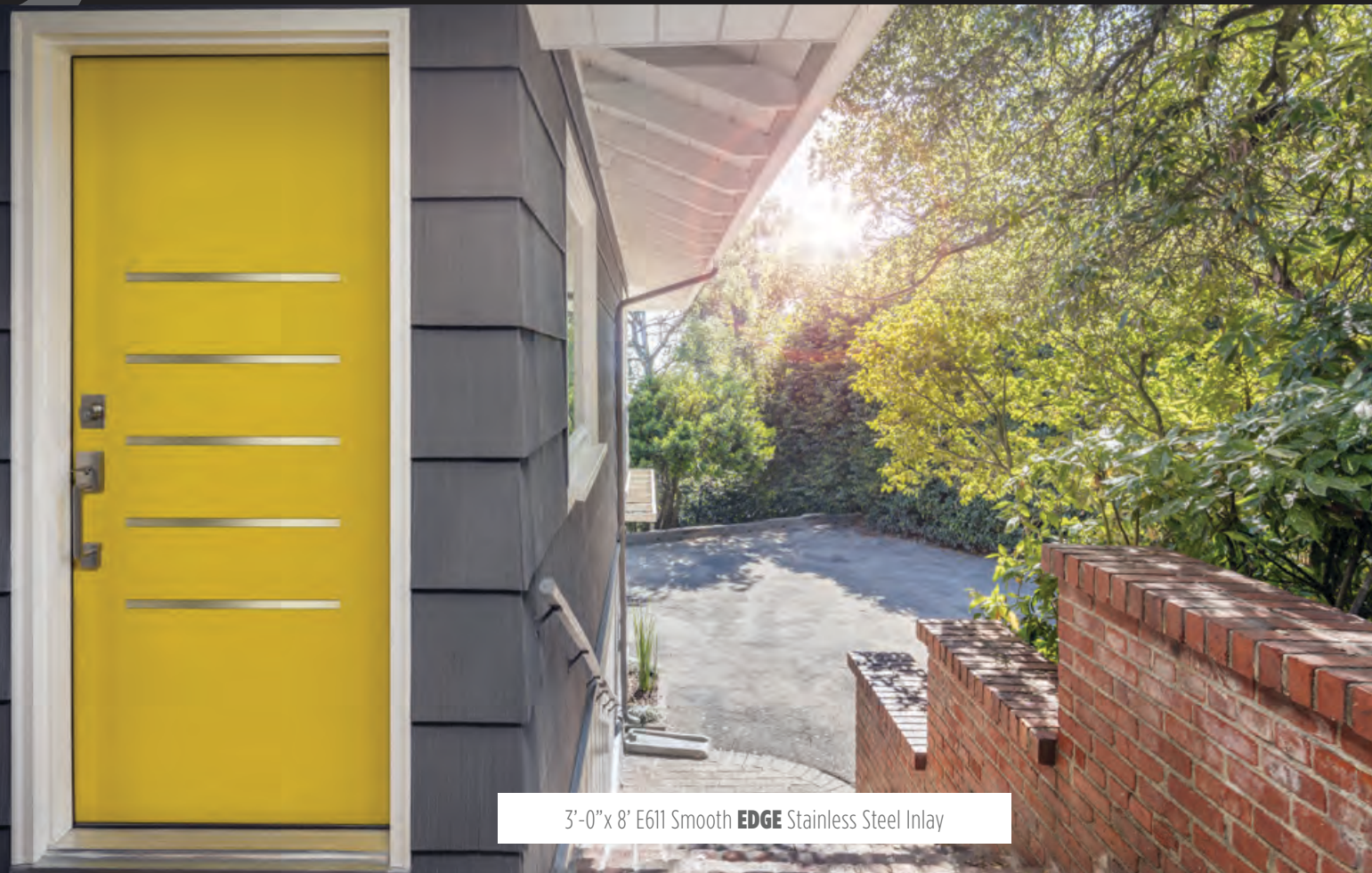
NOMINAL WIDTHS • 32x95 • 36x95  
SIDELITES AVAILABLE IN 12 & 14" WIDTH



E706	E708	E710	E711
		22" x 64"	8" x 64"







3'-0" x 8' E611 Smooth **EDGE** Stainless Steel Inlay



3'-0" x 6'-8" E705 Smooth **EDGE** Engraved

6'-8" & 8' HEIGHTS >

NOMINAL WIDTHS • 36x79 • 36x95



E605

E612



## 2 1/4"

SLAB THICKNESS  
ALSO AVAILABLE\*

\* ONLY AVAILABLE FOR 36X95"



3'-0" x 6'-8" E702 Smooth **EDGE** Engraved

6'-8" & 8' HEIGHTS

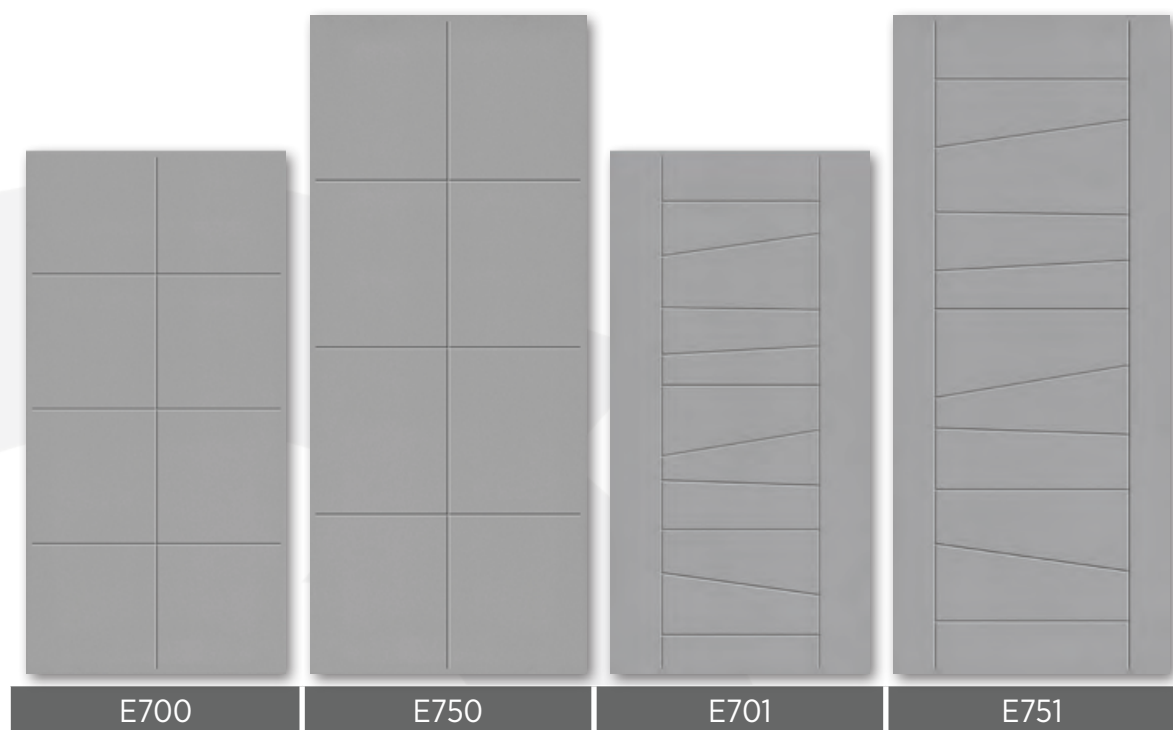
NOMINAL WIDTHS • 36x79 • 36x95



† ONLY AVAILABLE FOR 36x95"

6'-8" & 8' HEIGHTS

NOMINAL WIDTHS • 36x79 • 36x95



† ONLY AVAILABLE FOR 36x95"



3'-0" x 8' E750 Smooth **EDGE** Engraved - Interior Application.

# WHY FIBERGLASS?

- MasterGrain's Unique **NVD** technology produces the most genuine look of real wood in fiberglass without the negative aspects of wood or steel.
- **Does NOT rot or warp** like wood doors and requires less maintenance.
- **Does NOT rust or dent** like steel doors.
- Excellent grain and stain matching across fiberglass components.
- Engineered for the extreme hot and cold temperatures of North America.



DOORS ARE CONSTRUCTED USING ROT RESISTANT COMPOSITE TOP & BOTTOM RAILS.  
(KERF NOTCHED BOTTOM RAIL SHOWN)

## STRENGTH

A PAIR OF BEEFY 4.125" STILES RUN DOWN THE SIDES OF OUR DOORS. SUPPORTED BY 3.5" OF LAMINATED STRAND LUMBER. LSL IS ONE OF THE STRONGEST, STRAIGHTEST AND MOST STABLE ENGINEERED WOOD FIBER PRODUCTS AVAILABLE. THIS PREVENTS OUR DOORS FROM WARPING AND INCREASES YOUR HARDWARE OPTIONS

## HIGH DEFINITION

TO PRODUCE THE HIGHEST DEFINITION WOOD-GRAIN FIBERGLASS DOORS, IT STARTS WITH HIGH QUALITY FIBERGLASS THAT IS TRANSFORMED USING OUR UNIQUE **NVD** TECHNOLOGY. OUR SKINS HAVE A MINIMUM THICKNESS OF .09", ALL THE WAY UP TO .175" FOR STAINLESS STEEL INLAYS.

## PERFORMANCE

ALL OF OUR DOORS ARE INSULATED WITH HIGH DENSITY, CFC FREE, POLYURETHANE FOAM (BETWEEN 2.2 TO 2.5). OUR FORMULA IMPROVES ENERGY EFFICIENCY & SOUND ABATMENT.

**IMPACT TESTED** PRODUCTS ARE FOUND UNDER THE FOLLOWING APPROVAL NUMBERS

NON-IMPACT	IMPACT	HVHZ
#FL13320	#FL 21852	#FL21852.19*

Visit [www.floridabuilding.org/pr/pr\\_app\\_srch.aspx](http://www.floridabuilding.org/pr/pr_app_srch.aspx) for details.  
\*Tested with .175 thick skin opaque 3/0 x 8/0 outswing.



# EVEN OUR GLASS FRAMES ARE FIBERGLASS.

- Using MasterGrain's unique NVD process we created matching fiberglass frame for your glass inserts.
- Fiberglass frames are more rigid than plastic frames. This ensures a tight weather seal to the door and minimizes distortion.
- We created a unique plugless frame system that clips together. The best part is that you don't see any plugs or screw holes.
- With our traditional plugged system that screw together, most models tested have passed HVHZ impact and cycle testing.



**TRADITIONAL**  
TAN: OAK/ALDER  
ROSE: MAHOGANY/CHERRY



**CONTEMPORARY**  
LOW PROFILE  
WHITE: SMOOTH EDGE



**FIR**  
FLUSH FIT, WITH OPTIONAL INTEGRATED DENTIL SHELF



**PLUGGED**  
FRAME SYSTEM



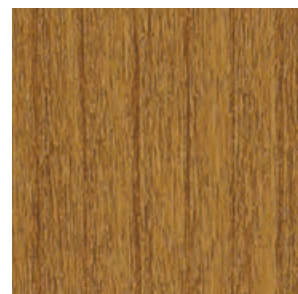
SDL'S COME PRE-TAPED & NOTCHED, CREATING A BEAUTIFUL LAP-JOINT.



**THE MOST AUTHENTIC WOOD GRAIN FIBERGLASS DOORS & COMPONENTS.**



**THE MOST AUTHENTIC WOOD GRAIN FIBERGLASS DOORS & COMPONENTS.**



Teak  
Y772-310



Fruitwood  
Y772-050



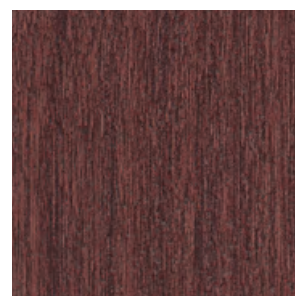
Cinnamon  
Y772-050/050



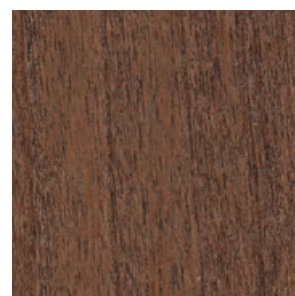
Pecan  
Y772-015



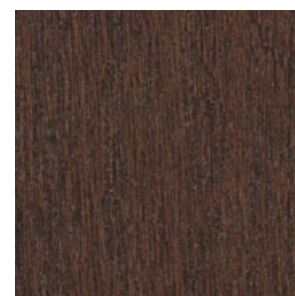
Tobabaco  
Y772-015/015



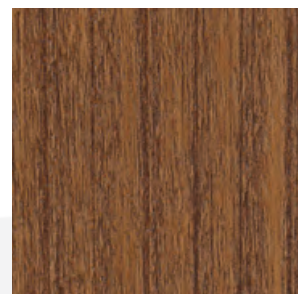
Rosewood  
Y772-051/051



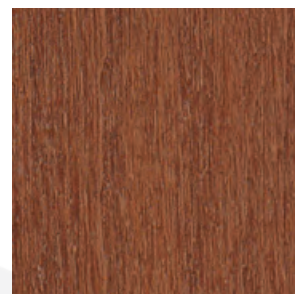
Traditional Walnut  
Y772-772-049



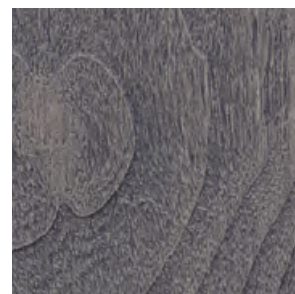
Dark Walnut  
Y772-049/049



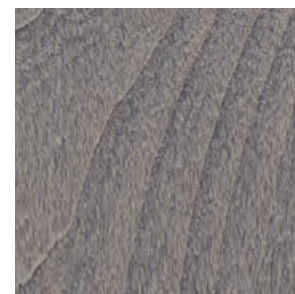
Dark Oak  
Y772-018



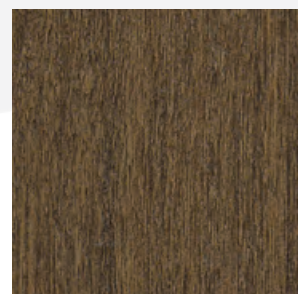
Mahogany  
Y772-016



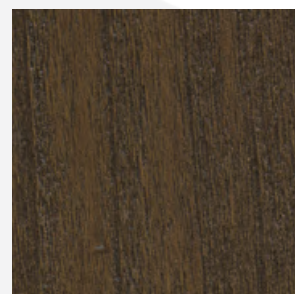
Classic Grey  
Y772-037/040



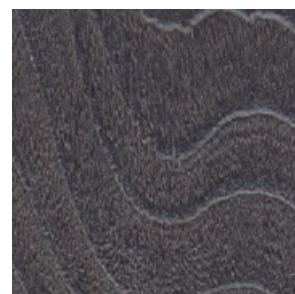
Antique Silver  
Y772-037/036



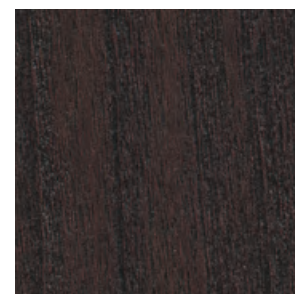
Coffee  
Y772-048



Tudor Brown  
Y772-048/048



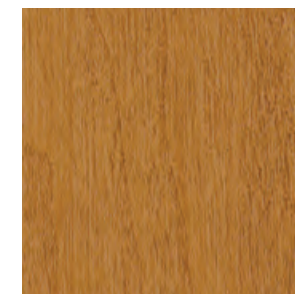
Charcoal Grey  
Y772-010/010



Ebony  
Y772-052/052



Teak  
R772-310



Fruitwood  
R772-050



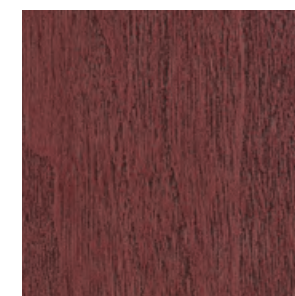
Cinnamon  
R772-050/050



Pecan  
R772-015



Tobabaco  
R772-015/015



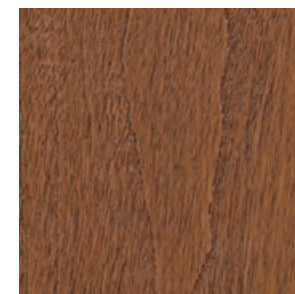
Rosewood  
R772-051/051



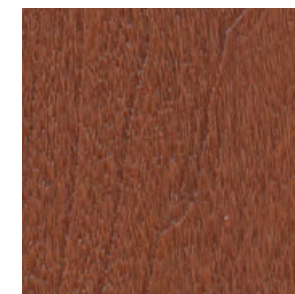
Traditional Walnut  
R772-772-049



Dark Walnut  
R772-049/049



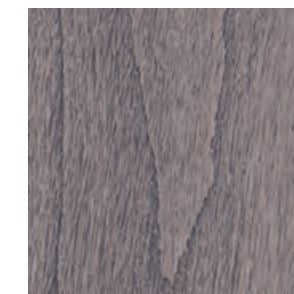
Dark Oak  
R772-018



Mahogany  
R772-016



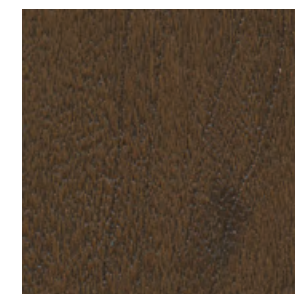
Classic Grey  
R772-037/040



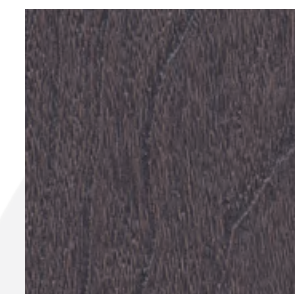
Antique Silver  
R772-037/036



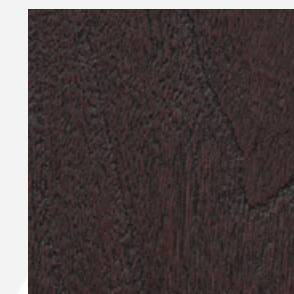
Coffee  
R772-048



Tudor Brown  
R772-048/048



Charcoal Grey  
R772-010/010



Ebony  
R772-052/052



**MILLWORK 360**  
THE DEGREE OF SUPERIOR QUALITY

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Tampa, FL 33635

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