



**LEAD LINED SOLID CORE**  
Non Rated

Series		ARCHITECTURAL		
<b>X RAY</b>	<b>Lead Thickness</b>	1/8" & 1/16"		
<b>DIMENSIONS</b>	<b>Thickness</b>	1-3/4"		
	<b>Maximum Sizes</b>	Non Rated		
		Singles	4'00" x 8'00"	
		Pairs	8'00" x 8'00"	
	D.E. Pairs	8'00" x 8'00"		
<b>CONSTRUCTION</b>	<b>Core</b>	Extruded Solid		
	<b>Vertical Edges</b>	2-5/8" SCL Stiles with Matching Veneer Edgeband Over.		
	<b>Horizontal Edges</b>	2-5/8" SCL Rails (5" Rails Reinforcement upon request).		
	<b>Crossband</b>	One Piece High Density Fiberboard (HDF)		
	<b>Veneer Grade / Species</b>	"A" & "AA" / Standard, Exotic and Engineered.		
	<b>Grain Orientation</b>	Vertical (standard), Horizontal, Mixed and Sketch Face (upon request).		
	<b>Factory Finish</b>	UV Cured: Clear, Light, Dark and Custom Stain colors.		
	<b>Laminated Surface</b>	High Pressure Decorative Laminate.		
<b>ELEVATIONS</b>	<b>Paint Grade</b>	One Piece High Density Fiberboard (HDF).		
	<b>Factory Finish</b>	UV Cured: Primed, Paint Skin, Standard and Custom Paint colors.		
	<b>Adhesive / Weight</b>	Type 2 /	Lead: 1/8"	73.75 kg/mt2 - 15.10 lb/ft2
			Lead: 1/16"	47.92 kg/mt2 - 9.81 lb/ft2
	<b>Vision Lites</b>	Min Distances:	Top Rail: 8"	Bottom Rail: 1 1/2" Stiles: 8"
		5" min of core material between the lockset prep and cutout.		
		Light cutout may not exceed 1,080 Sq.In. area, or 32" width, or 54" height.		
		Non Rated:	Special Lead Lined MVF (cutout only).	
		Fire Rated:	Not Allowed.	
	<b>Reveals</b>	Not Allowed.		
<b>Louvers</b>	Not Allowed.			
<b>STC</b>	<b>Sound Rating</b>	30 STC with installed seals and gaskets tested. Automatic Bottom Seal is recommended by WKS for a high performance.		
<b>QUALITY STANDARDS</b>	<b>Environmental</b>	FSC Certification MR7 and NAUF EQ4.4 Credit available upon request. Environmental Product Declaration available upon request.		
	<b>Quality</b>	BS EN 14755:2005 & BS476 British Standards Institute (european construction).		
	<b>Warranty</b>	Interior Use Only (no exterior warranty). Lifetime; life of original installation.		
	<b>Machining</b>	Hardware preps shall be factory machined from manufacturer's templates and shop drawings. Order will not be procesed without complete information.		

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# LEAD LINED PARTICLEBOARD CORE

Non Rated

Series		ARCHITECTURAL	
X RAY	Lead Thickness	1/8" + 1/16"	
	Thickness	1-3/4"	
DIMENSIONS	Maximum Sizes	Non Rated	
		Singles	4'00" x 8'00"
		Pairs	8'00" x 8'00"
		D.E. Pairs	8'00" x 8'00"
CONSTRUCTION	Core	Hot Press Particleboard LD-1	
	Vertical Edges	2-5/8" SCL Stiles with Matching Veneer Edgeband Over.	
	Horizontal Edges	2-5/8" SCL Rails (5" Rails Reinforcement upon request).	
	Crossband	One Piece High Density Fiberboard (HDF)	
	Veneer Grade / Species	"A" & "AA" / Standard, Exotic and Engineered.	
	Grain Orientation	Vertical (standard), Horizontal, Mixed and Sketch Face (upon request).	
	Factory Finish	UV Cured: Clear, Light, Dark and Custom Stain colors.	
	Laminated Surface	High Pressure Decorative Laminate.	
	Paint Grade	One Piece High Density Fiberboard (HDF).	
	Factory Finish	UV Cured: Primed, Paint Skin, Standard and Custom Paint colors.	
ELEVATIONS	Adhesive / Weight	Type 2 /	Lead: 1/8"    83.55 kg/mt2 - 17.11 lb/ft2 Lead: 1/16"    57.72 kg/mt2 - 11.82 lb/ft2
		Min Distances:	Top Rail: 8"    Bottom Rail: 4"    Stiles: 8"
	Vision Lites	5" min of core material between the lockset prep and cutout.	
		Light cutout may not exceed 1,080 Sq.In. area, or 32" width, or 54" height.	
	Non Rated:		Special Lead Lined MVF (cutout only).
	Fire Rated:		Not Allowed.
Reveals	Not Allowed.		
Louvers	Not Allowed.		
STC	Sound Rating	32 STC with installed seals and gaskets tested.	
		Automatic Bottom Seal is recommended by WKS for a high performance.	
QUALITY STANDARDS	Environmental	FSC Certification MR7 and NAUF EQ4.4 Credit available upon request. Environmental Product Declaration available upon request.	
	Quality	WDMA I.S.1A Architectural Wood Flush Doors (Standard construction).	
	Warranty	Interior Use Only (no exterior warranty). Lifetime; life of original installation.	
	Machining	Hardware preps shall be factory machined from manufacturer's templates and shop drawings. Order will not be processed without complete information.	

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Series		ARCHITECTURAL
DIMENSIONS	<b>Thickness</b>	1-3/4" Non Rated
	Maximum Sizes	Singles 4'00" x 10'00"
		Pairs 8'00" x 10'00"
		D.E. Pairs 8'00" x 10'00"
CONSTRUCTION	<b>Core</b>	Engineered
	<b>Vertical Edges</b>	With Matching FiberGlass Edgeband Over.
	<b>Horizontal Edges</b>	With Matching FiberGlass Edgeband Over (5" Rails Reinforcement upon request).
	<b>Surface / Factory Finish</b>	FiberGlass / Painted & Pigmented Solid Color.
	<b>Adhesive / Weight</b>	Composite Urethane / 22.5 kg/mt2 - 4.60 lb/ft2
ELEVATIONS	<b>Vision Lites</b>	Not Allowed.
	<b>Reveals</b>	Not Allowed.
	<b>Louvers</b>	Not Allowed.
STC	<b>Sound Rating</b>	32 STC with installed seals and gaskets tested. Mortise Automatic Bottom Seal is not allowed.
QUALITY STANDARDS	<b>Environmental</b>	FSC Certification MR7 and NAUF EQ4.4 Credit available upon request. Environmental Product Declaration available upon request.
	<b>Tested</b>	ASTM D3273 resistance of paint films to surface mold fungi or mildew growth
		ASTM D3274 defacement of paint film exposed outdoors due the fungal growth
	<b>Impact Rating</b>	Wind load / missile impact resistance (for information consult with your ISR).
	<b>Warranty</b>	For Exterior Use. One Year Warranty.
	<b>Machining</b>	Hardware preps shall be factory machined from manufacturer's templates and shop drawings. Order will not be procesed without complete information.

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# FIBER GLASS SPLIT FACES

Non Rated

Series		ARCHITECTURAL
DIMENSIONS	<b>Thickness</b>	1-3/4" Non Rated
	<b>Maximum Sizes</b>	Singles 4'00" x 10'00"
		Pairs 8'00" x 10'00"
		D.E. Pairs 8'00" x 10'00"
CONSTRUCTION	<b>Core</b>	Engineered
	<b>Vertical Edges</b>	With Matching FiberGlass Edgeband Over.
	<b>Horizontal Edges</b>	With Matching FiberGlass Edgeband Over (5" Rails Reinforcement upon request).
	<b>Veneer Grade / Species</b>	Interior Side
		"A" & "AA" / Standard, Exotic and Engineered.
	<b>Grain Orientation</b>	Vertical (standard), Horizontal, Mixed and Sketch Face (upon request).
	<b>Factory Finish</b>	UV Cured: Clear, Light, Dark and Custom Stain colors.
<b>Surface / Factory Finish</b>	Exterior Side	
	FiberGlass / Painted & Pigmented Solid Color.	
<b>Adhesive / Weight</b>	Composite Urethane / 22.5 kg/mt2 - 4.60 lb/ft2	
ELEVATIONS	<b>Vision Lites</b>	Not Allowed.
	<b>Reveals</b>	Allowed only at Interior Side Wood Veneer surface with restrictions, consult with your ISR.
	<b>Louvers</b>	Not Allowed.
STC	<b>Sound Rating</b>	32 STC with installed seals and gaskets tested. Mortise Automatic Bottom Seal is not allowed.
QUALITY STANDARDS	<b>Environmental</b>	FSC Certification MR7 and NAUF EQ4.4 Credit available upon request. Environmental Product Declaration available upon request.
	<b>Tested</b>	ASTM D3273 resistance of paint films to surface mold fungi or mildew growth
		ASTM D3274 defacement of paint film exposed outdoors due the fungal growth
	<b>Impact Rating</b>	Wind load / missile impact resistance (for information consult with your ISR).
	<b>Warranty</b>	For Exterior Use. One Year Warranty.
<b>Machining</b>	Hardware preps shall be factory machined from manufacturer's templates and shop drawings. Order will not be procesed without complete information.	

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Series

**ARCHITECTURAL**

**FIRE RATING**

**Label** Allowed on WHI & IFC  
**Fire Rating** Neutral Cat A Positive Cat B Positive  
**Minutes** 20-30min Wood Core & 45-90min Mineral Core

**SIZES**

**Door Thickness** 1-3/4" or Higher.  
**Reveal Types** "V", "U" (round) and Square

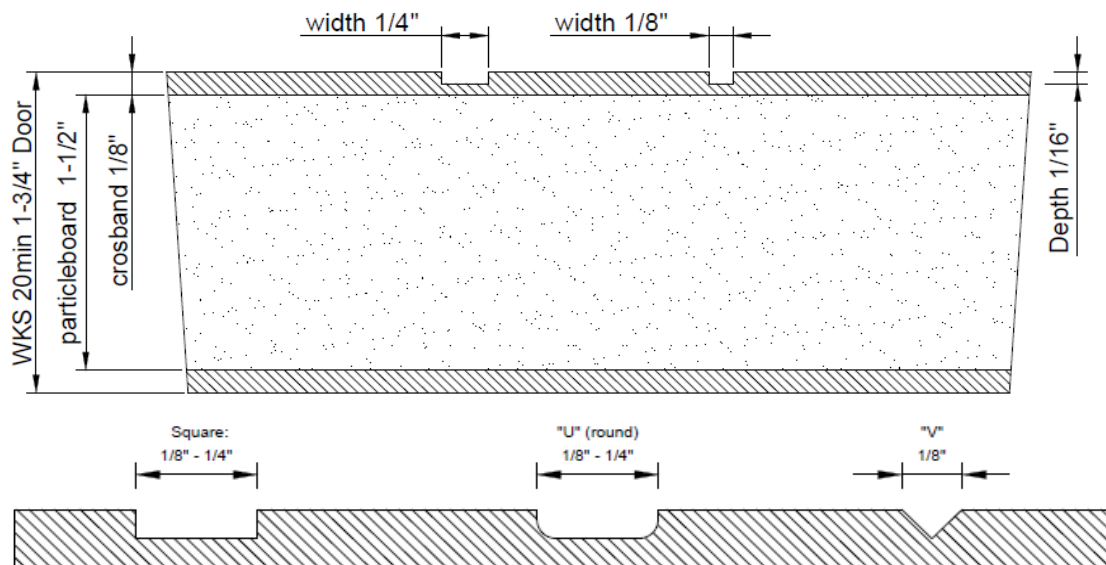
**Maximum Sizes**

Type	"V"	"U"	Square
<b>Max Allowed Depth</b>	1/16"		
<b>Width</b>	1/8" only	1/8" up to 1/4"	1/8" up to 1/4"
<b>Lenght</b>	Non Rated & 20-30min Wood Core:		up to 120"
	45-90min Mineral Core:		up to 96"

**CONSTRUCTION**

**Core Type** Tubular, Particleboard, Structural Composite, Solid and Mineral.  
**Faces** Door must have balanced construction.  
**Surface Type** Wood Veneer and Paint Grade only (HPDL & FiberGlass not allowed).  
**Line Direction** Vertical & Horizontal as standard. Diagonal available upon request.  
**Sides** Wide, Narrow and Both Sides.  
**Factory Finish** Black Color Paint as default, also Matching Lacquer and Unfinished options. Excludes Paint Grade Doors (Primed or Painted).  
**Scope / Limitations** Grooves can cross each other.  
 Grooves can extend to the door edge.  
 Minimum 4" spacing between parallel reveals.  
 Minimum 3" spacing of reveal to elevation cutout or door edge.  
 Allowed on Mixed Grain & Sketch Face under restrictions.  
 Not allowed on veneer face splice or alignment with them.  
 No horizontal grooves across pairs.  
 Not allowed on STC doors (Sandwich Core not allowed).

**ELEVATIONS**



**EXTRA**

**Warranty** Interior Use Only (no exterior warranty). Lifetime with original installation.

WKS Door Systems is working all the time for development new services and products, if you need a special design or application please contact your ISR.