



Aberdeen

D O O R C O M P A N Y

Architectural Door Catalog

Let's design
something
beautiful

Architectural Door Catalog

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Beautiful doors that contribute to a healthier planet

Building and designing beautiful doors is not enough, definitely not today. At Aberdeen we go to great lengths to manufacture doors using only the most environmentally responsible materials and processes that will contribute to a healthier planet for tomorrow.

During the design process we dive deep into door materials and their environmental impact because we all know that the decisions made at the design table today will have a profound effect on the health of our planet tomorrow. Our aim is to make this process painless and easy so we can spark a positive change we can all be proud of.

Nomenclature

Door Series	Fire Rating	Core Material	Stiles
5	45	6 -	HE

1000	3 Ply Hollow Core	000	Non Rated	1	Corrugated Honeycomb	HE	Hardwood Edge
2000	5 Ply Hollow Core	200	20 minutes	2	EcoCell™ Honeycomb	LE	Laminated Edge
3000	3 Ply Solid Core	450	45 minutes	3	Particleboard	PE	Painted/ Primed Edge
5000	5 Ply Solid Core	600	60 minutes	4	Structural Composite Lumber		
7000	7 Ply Shielding Core	900	90 minutes	5	Agrifiber		
				6	Mineral Core		

Example




1000 Series

Recommended for use in Residential and Light Commercial Buildings on openings exposed to low traffic and a low probability of impact and/ or abuse.

- Residential Interiors
- Closets
- Small Offices
- Guest Bathrooms (Hotels)



Door Data

Thickness	1 3/8" & 1 3/4"					
Maximum Size		Non-Rated	20 Min.	45 Min.	60 Min.	90 Min.
1001	Singles	3'x8'	N/A	N/A	N/A	N/A
	Pairs	6'x8'	N/A	N/A	N/A	N/A
1002	Singles	4'x9'	N/A	N/A	N/A	N/A
	Pairs	8'x9'	N/A	N/A	N/A	N/A
Max. Temp. Rise		N/A	N/A	N/A	N/A	N/A
Fire Label Options	N/A					
Face Options	<div> <div>■ GrainArt™</div> <div>■ Primed HDF</div> <div>■ Raw HDF</div> </div>					
Adhesive Bond	Type 1 Crosslinked PVA (NAF)					
Core Options	<div> <div>■ Corrugated Honeycomb</div> <div>■ EcoCell™ Honeycomb</div> </div>					
Core/ Edge Interface	Non Bonded					
Stile Options	<div>  </div>					
	Painted or Primed mill option lumber stiles					
Rail Options	Top & Bottom	<div> <div>■ Mill Option Lumber</div> <div>■ Structural Composite Lumber</div> <div>■ Optional sealed rails</div> </div>				
	Mid	■ 4 5/8" Structural Composite Lumber (1002 Only)				
Lites, Louvers & Hardware Machining	Per machining sheets and hardware manufacturer's templates provided at time of order					

For more model specific information please consult data sheets @ www.aberdeendor.com/doors/

2000 Series

Recommended for use in Residential and Light Commercial Buildings on openings exposed to low traffic and a low probability of impact and/ or abuse.

- Residential Interiors
- Closets
- Small Offices
- Guest Bathrooms (Hotels)



Door Data

Thickness 1 3/8" & 1 3/4"



Maximum Size		Non-Rated	20 Min.	45 Min.	60 Min.	90 Min.
2002	Singles	4'x9'	N/A	N/A	N/A	N/A
	Pairs	8'x9'	N/A	N/A	N/A	N/A
Max. Temp. Rise		N/A	N/A	N/A	N/A	N/A
Fire Label Options	N/A					

Face Options ■ HPL ■ Domestic & Exotic Wood Veneer

Adhesive Bond Type 1 Crosslinked PVA (NAF)

Core Options ■ EcoCell™ Honeycomb

Core/ Edge Interface Non Bonded

Stile Options	HE	LE
		
	Hardwood outer stile bonded to a Structural Composite Lumber inner stile	Structural Composite Lumber laminated with HPL or Veneer to match faces

Rail Options	Top & Bottom	■ Mill Option lumber ■ Structural Composite Lumber
	Mid	■ 4 5/8" Structural Composite Lumber

Lites, Louvers & Hardware Machining Per machining sheets and hardware manufacturer's templates provided at time of order

For more model specific information please consult data sheets @ www.aberdeendoor.com/doors/



3000 Series

Recommended for use in Residential and Light Commercial Buildings on openings exposed to low traffic and a low probability of impact and/ or abuse.

- Residential Entrances
- Guest Entrances (Hotels)
- Stairwells
- Mechanical Rooms
- Janitors Closets



Door Data

Thickness	1 3/4"					
Maximum Size		Non-Rated	20 Min.	45 Min.	60 Min.	90 Min.
3003 / 3203	Singles	4'x9'	4'x9'	N/A	N/A	N/A
	Pairs	8'x9'	8'x9'	N/A	N/A	N/A
3004 / 3204 / 3454	Singles	4'x9'	4'x9'	4'x8'	N/A	N/A
	Pairs	8'x9'	8'x9'	N/A	N/A	N/A
3456 / 3606 / 3906	Singles	4'x9'	4'x8'	4'x8'	4'x8'	4'x8'
	Pairs	8'x9'	8'x8'	8'x8'	8'x8'	8'x8'
Max. Temp. Rise		N/A	250°F @ 20 Min.	250°F @ 30 Min.	250°F @ 60 Min.	450°F @ 60 Min.
Fire Label Options	■ Neutral Pressure (UL10B) ■ Positive Pressure Cat. B (UL10C) ■ Positive Pressure Cat. A (UL10C)					
Face Options	■ GrainArt™ ■ HPL (3003 & 3203 Only)					
Adhesive Bond	Type 1 Crosslinked PVA (NAF)					
Core Options	■ LD-2 Particleboard ■ Structural Composite Lumber					
	■ Agrifiber Particleboard ■ Noncombustible Mineral Composite					
Core/ Edge Interface	Bonded					
Stile Options	<div>HE</div> 			<div>LE</div> 		
	Hardwood outer stile bonded to a Structural Composite Lumber or Mineral Composite inner stile			Structural Composite Lumber or Mineral Composite laminated with HPL or Veneer to match faces		
Rail Options	■ Structural Composite Lumber ■ Noncombustible Mineral Composite					
Lites, Louvers & Hardware Machining	Per machining sheets and hardware manufacturer's templates provided at time of order					
For more model specific information please consult data sheets @ www.aberdeendoor.com/doors/						

5000 Series

Recommended for use in residential and Light Commercial Buildings on openings exposed to low traffic and a low probability of impact and/ or abuse.

- Schools & Universities
- Government Facilities
- Healthcare Facilities
- Gymnasiums
- Convention Centers
- Public Restrooms



Door Data

Thickness	1 3/4"					
Maximum Size		Non-Rated	20 Min.	45 Min.	60 Min.	90 Min.
5003 / 5203	Singles	4'x9'	4'x9'	N/A	N/A	N/A
	Pairs	8'x9'	8'x9'	N/A	N/A	N/A
5004 / 5204 / 5454	Singles	4'x9'	4'x9'	4'x8'	N/A	N/A
	Pairs	8'x9'	8'x9'	N/A	N/A	N/A
5005 / 5205/ 5455	Singles	4'x9'	4'x9'	4'x8'	N/A	N/A
	Pairs	8'x9'	8'x9'	N/A	N/A	N/A
5456 / 5606 / 5906	Singles	4'x9'	4'x8'	4'x8'	4'x8'	N/A
	Pairs	8'x9'	8'x8'	8'x8'	8'x8'	N/A
Max. Temp. Rise		N/A	250°F @ 20 Min.	250°F @ 30 Min.	250°F @ 60 Min.	450°F @ 60 Min.
Fire Label Options	▪ Neutral Pressure (UL10B) ▪ Positive Pressure Cat. B (UL10C) ▪ Positive Pressure Cat. A (UL10C)					
Face Options	▪ HPL					

For more model specific information please consult data sheets @ www.aberdeendoor.com/doors/

7000 Series


Recommended for use in
Healthcare and dental facilities
where radiation shielding is
required.

- X Ray Rooms
- CT Scan Rooms
- PET Scan Rooms



Door Data

Thickness 1 3/4"

Maximum Size		Non-Rated	20 Min.	45 Min.	60 Min.	90 Min.
7004L / 7004N	Singles	4'x8'	N/A	N/A	N/A	N/A
	Pairs	8'x8'	N/A	N/A	N/A	N/A
7203L / 7204L	Singles	4'x8'	4'x8'	N/A	N/A	N/A
	Pairs	8'x8'	8'x8'	N/A	N/A	N/A
7456L / 7606L	Singles	4'x8'	4'x8'	4'x8'	4'x8'	N/A
	Pairs	8'x8'	8'x8'	8'x8'	8'x8'	N/A
Max. Temp. Rise		N/A	250°F @ 20 Min.	250°F @ 30 Min.	250°F @ 30 Min.	N/A
Fire Label Options	<ul style="list-style-type: none"> Neutral Pressure (UL10B) Positive Pressure Cat. B (UL10C) Positive Pressure Cat. A (UL10C) 					
Face Options	<ul style="list-style-type: none"> GrainArt™ HPL (NEMA LD 3) Domestic & Exotic Wood Veneer 					
Adhesive Bond	Type 1 Crosslinked PVA (NAF)					
Core Options	<ul style="list-style-type: none"> LD-2 Particleboard Structural Composite Lumber Noncombustible Mineral Composite 					
Shielding Material	<ul style="list-style-type: none"> Nanotek™ (non toxic) 99.9% Pure Lead, Thickness: 1/16" - 1/8" 					
Core/ Edge Interface	Bonded					
Stile Options	<div> <div>LE</div>  </div> <div>Structural Composite Lumber laminated or Mineral Composite with HPL or Veneer to match faces</div>					
Rail Options	<ul style="list-style-type: none"> Structural Composite Lumber Noncombustible Mineral Composite 					
Lites, Louvers & Hardware Machining	Per machining sheets and hardware manufacturer's templates provided at time of order					

For more model specific information please consult data sheets @ www.aberdeendoor.com/doors/

Finishes

High Pressure Laminate (HPL)



We can supply doors laminated with virtually any commercially available High Pressure Decorative Laminate in thicknesses from 0.027" - 0.049". We strongly recommend avoiding high gloss laminates.

Wood Veneer

Domestic and Exotic Hardwood veneers are available in a wide variety of cuts, assembly types and matching. Our veneer faced doors utilize 2 ply skins composed of 1/42"(0.6mm) face veneers and HDF cross-bands. We default to WDMA IS.1 standards for grading and can supply Premium and Custom grades.



GRAINART™

The GrainArt™ door is a factory finished product with an astonishingly realistic wood grain finish. This cutting edge finish system combines the beauty of natural wood with a consistent color and grain pattern only achievable in a man made finish. All GrainArt faces are made from 100% recycled wood fibers.



The face is composed of a moisture resistant HDF substrate finished with the patented 20 step ColledgeGuard® finish system. The result is a factory finished product that is highly resistant to marking and scratching. See test results below

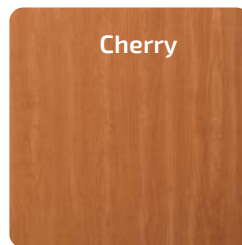
Door edges are compatible hardwood hand stained to match faces



Wenge (T)



Red Oak



Cherry



White Birch

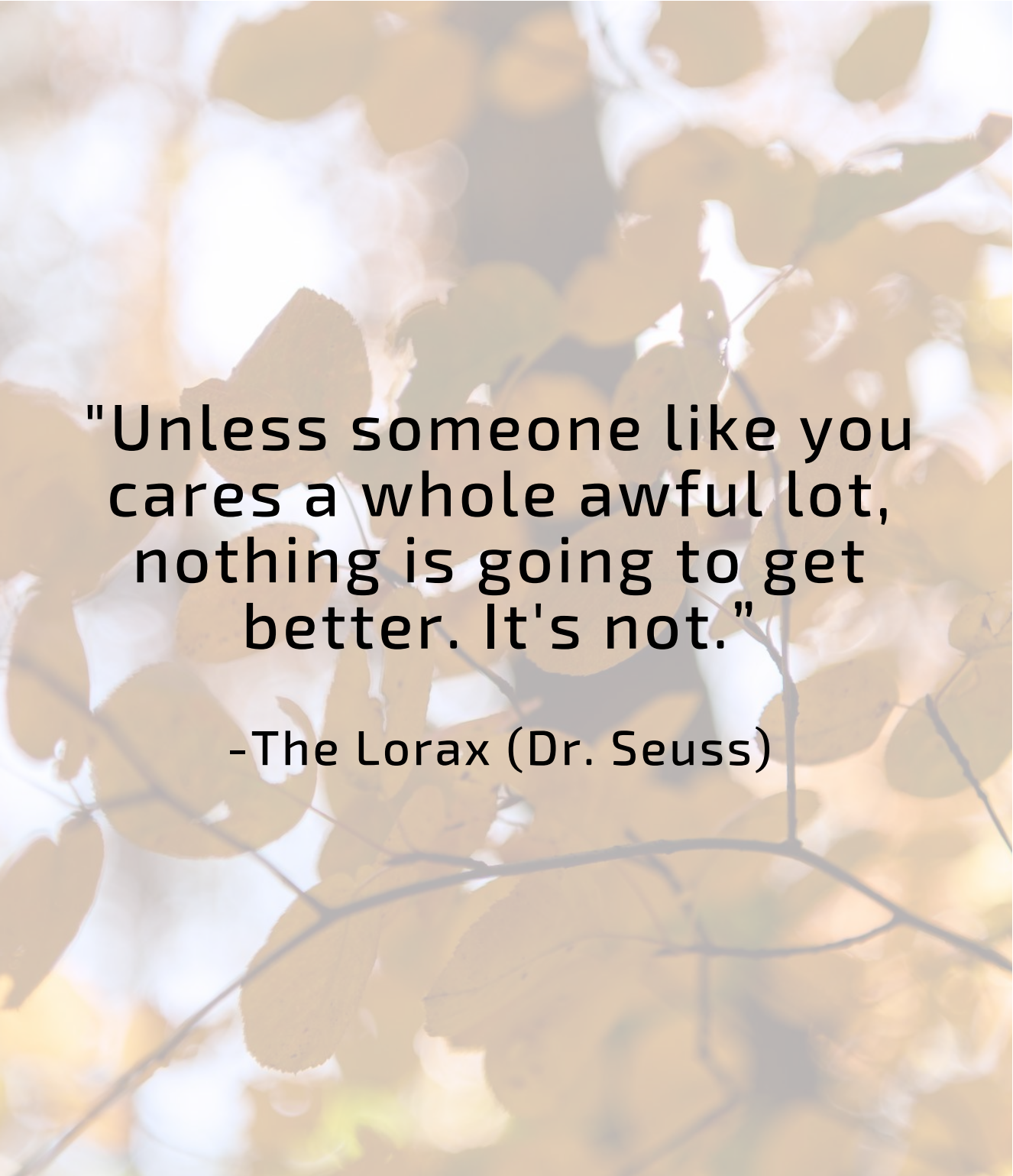


Gray Oak (T)

(T) Textured Finish

Finish System	Taber Abrasion	Scratch Resistance	Pencil Hardness	Acetone Rub	Results
PVC	5000	1200	6H	Stopped at 300	No sign of failure
ColledgeGuard®	5000	700	6H	Stopped at 300	No sign of failure
HPL (Cherry)	4500	150	6H	300	No sign of failure
HPL (Oak)	3700	80	6H	300	No sign of failure
TFL	900	50	3H	300	Slight fiber swell
Paint System	600	60	3H	100	Loss of color

Physical testing performed by Akzo Nobel Coatings



**"Unless someone like you
cares a whole awful lot,
nothing is going to get
better. It's not."**

-The Lorax (Dr. Seuss)

Sustainability

At Aberdeen we are on a mission to design and manufacture the industry's most sustainable full line of architectural and commercial flush "wood" doors.

Transparency

Specifying sustainable doors should not be more work. To accomplish this we have created dedicated data sheets with exact percentages of recycled and renewable content used in each and every door we make.

R & D

We are constantly searching for new, more environmentally sustainable materials and processes. We also conduct rigorous testing to identify which materials will allow us to build sustainable doors that are lighter, stronger and quieter.

Recycled Content

Our Particleboard and EcoCell™ door cores along with our HDF crossbands are made exclusively from recycled wood fiber. These are materials that would have otherwise been burned or dumped into land fills.

High Tech Finishes

Technological advancements in printing and finishing are allowing us to use man made materials that simulate the beauty, texture and richness of natural wood without the negative environmental impacts associated with processing logs into veneers.

Renewable Content

Our Agrifiber door cores are made from agricultural byproducts left behind after harvesting soy and wheat.

Adhesives

We only use environmentally friendly adhesives in the assembly of our doors. Our adhesives are either solvent free or water-based.

Fast Growing Hardwoods

When hardwoods must be used we advocate using fast growing species like Poplar, Aspen & Eucalyptus. that are harvested on a 7-12 year cycle. Our SCL is also made entirely from fast growing hardwoods.

Sourcing

99.9% of our raw materials are sourced and processed responsibly in North America.

Limited Warranty Information

Coverage:

This Limited Warranty applies to purchasers of products from Aberdeen Door Company, LLC ("Aberdeen") during the respective limited warranty period outlined below. The warranties extend on resale of the products, but claims must be processed through the original purchasers. Aberdeen warrants all of its products set forth herein to be of good material and workmanship and to be free of defects from the time they are loaded onto a truck or shipping container.

Warranty Period:

Door Series	Core	Interior Use	Exterior Use
1000	Honeycomb	1 year	Not warranted
1000	EcoCell™	2 years	Not warranted
2000	EcoCell™	2 years	Not warranted
3000	All Cores	2 years	Not warranted
5000	All Cores	Lifetime of original installation	Not warranted
7000	All Cores	1 year	Not warranted

Warranty periods commence from date of original invoice.

Tolerances:

The "Tolerances" set forth below are recognized industry standards and deemed acceptable under this warranty.

Thickness	±1/6" (±1.6 mm)	Squareness	Differential between diagonal measurements not to exceed 1/8" (3.2 mm)
Width	±1/6" (±1.6 mm)		
Height	±1/6" (±1.6 mm)	Warp	Not to exceed 1/4" (6.3 mm) in a 7' (3124 mm) span on the concave face of a door.
Hinge Mortises	Location: ±1/32" (±0.8 mm) Height: +1/32", -0" (+0.8 mm, -0 mm) Depth: +1/32", -0" (+0.8 mm, -0 mm) Backset: ±1/32" (0.8 mm)	Lock Fronts	Backset: ±1/32" (0.8 mm) Height: +1/32", -0" (+0.8 mm, -0 mm) Width: +1/32", -0" (+0.6 mm, -0 mm)
Telegraph:	1000 & 2000 are not warranted, All others not to exceed +2/100" in a 3" span (0.5 mm in a 76.2 mm)		

Continued on next page

Exceptions to Coverage:

Aberdeen shall have no liability under this warranty or under any implied warranties unless the instructions found in Aberdeen "Storage, Finishing, Installation and Maintenance Instructions" have been strictly adhered to. Aberdeen is not responsible for damage or unsatisfactory performance caused by others. Its sole responsibility is as stated in this warranty, and it is not liable for consequential, indirect or incidental damages. Aberdeen is not obligated to pay for removal and rehanging. In addition, if any condition described in the "Exclusions" section are applicable, the door will not be warranted.

Exclusions:

1. Exterior doors: an exterior door shall be defined as any door not temperature and humidity controlled on both sides.
2. Any condition or appearance caused by failure to follow Aberdeen's "Storage, Finishing, Installation and Maintenance Instructions".
3. Repairs, rework or replacements made without prior written consent from Aberdeen.
4. Doors altered by others (except for distributors licensed to machine Aberdeen doors).
5. Normal wear and tear, including wear-through of the finish, or deterioration for reasons other than material and workmanship of the door itself.
6. Defects caused by failure to protect and seal all exposed surfaces of the door and the continued proper maintenance of these surfaces.
7. The appearance of field finished or painted doors.
8. Fading or darkening due to exposure to ultra-violet light sources.
9. Natural variations in the color, grain and or texture of wood.
10. The natural characteristic of the "barber pole" effect.
11. The appearance of high gloss HPL, paint, or transparent finished doors.
12. The warranty against warp does not apply to the following:
 - Doors that are wider than 36" or taller than 84" and less than 1-3/4" thick.
 - Doors hung without a hinge or pivot every 30" of door height.
 - Doors with unbalanced construction, i.e. face veneers of different species or different finish options on each side of the door.
13. Doors subjected to different temperature or humidity conditions on each side of the door.
14. Doors that have any form of face grooving or applied moldings.
15. Failure due to not drilling or drilling improper size pilot holes.
16. Doors where self-tapping or combination metal/wood screws are used to attach surface applied hardware.
17. Surface applied hardware i.e. surface closers, exit devices, etc. mounted without through bolts, except when fastened to hardware blocking.
18. Any door that is hung improperly or does not swing freely, i.e. binding on hinges, dragging on floor or threshold.
19. Doors with concealed closers deeper than 2" or wider than 1-1/4".
20. Machined pockets that leave less than 1/4" thick cavity walls.
21. Mortise door bottom preps that exceed 2-1/4" in depth.
22. Door face breakage or flare out on either side of automatic flush-bolt preps, when installed without supplied reinforcement caps.
23. All doors with cutouts for lites and/or louvers, nearer than 5-1/2" to any door edge hardware cutout, hardware pocket and/or raceway.
24. Doors with cutout areas exceeding 1/3 of the area of the door face or exceeding 1/2 of the height of the door, except SCL core.
25. Cracking of door faces on doors where Lite/ or louver cutouts were performed by others.
26. Lite/ or louver cutouts in honeycomb hollow core construction, except EcoCell™.



Claims Procedure:

All claims under this warranty must be channeled through the original purchaser and no liability whatsoever shall attach until the products involved have been paid for in full.

Aberdeen does not guarantee safe delivery of products. Aberdeen's responsibility ceases once products are loaded onto a truck or shipping container at an Aberdeen manufacturing facility or distribution center. Any claims for shortages, loss, delay or damage should be noted on the BOL upon receipt and filed by the consignee with the freight company.

Aberdeen cannot inspect or control the handling or exposure of products after shipment, therefore a specific duty of inspection is imposed upon the purchaser as a condition precedent to any claim under this warranty. The Purchaser must thoroughly inspect all products upon receipt and notify Aberdeen of any defects in writing within 15 days of discovery. Latent defects or those not apparent during the initial inspection must be reported within 15 days of discovery. Failure to notify Aberdeen of any defect within the allotted time shall fully and completely relieve Aberdeen from any obligation under this warranty. Installation of any product constitutes acceptance of said product.

Any written claim should include the following information

- Aberdeen invoice number
- Customer PO number
- A detailed explanation of the defect and which lines on the invoice possess said defect.
- Pictures of the defect, and if installed both sides of the complete door opening.

If a claim for a defective product is found to be valid within the scope of this warranty, Aberdeen will either (1) repair the defect; (2) replace with an identical unit; or (3) refund the purchase price. It will be exclusively Aberdeen responsibility to assess the situation and determine which corrective action will be employed to remedy the problem.

Any claim for warp or telegraphing may be deferred, at the option of Aberdeen, for a period of time not to exceed 12 months from the date of claim. If a door has been installed prior to such claim, the door must remain in the original hung installation during the period of deferment to permit conditioning of the door to humidity and temperature.

Storage, Finishing, Installation & Maintenance Instructions

Storage:

1. Doors should never come into contact with water or moisture.
2. If doors will be stored at the job site for more than 5 days, top and bottom rails and any exposed cutouts should be sealed with two coats of sealer upon arrival.
3. Do not subject doors to extreme temperatures and/or humidity. Temperature should be maintained within 50°F-90°F (10°C to 32°C) and relative humidity within 30%-60%. Buildings where humidity and temperature are not controlled should be avoided for storage facilities.
4. Doors should remain on their original factory pallet while in storage. Pallets must be stored indoors on a level surface. Once doors are removed from their original pallet they should be stored flat at least 4" (102 mm) off a level floor with cross supports and have protective coverings under the bottom door and over the top door. Covering should protect doors from dirt, water and abuse but allow for air circulation under and around the stack.
5. Exposure to ultra-violet light sources should be avoided. Most wood species are susceptible to discoloration if exposed to sunlight and even some forms of artificial light. This condition can be accelerated in unfinished doors. To protect doors from light damage after delivery, opaque wrapping may be required.
6. Doors should be lifted and carried when being moved, and never dragged across one another. Care must be taken not to lift doors from vulnerable areas i.e. pockets for mortise locks concealed closers, mortised door bottoms and corners routed for flush bolts, etc.
7. Doors should always be handled with clean dry hands or while wearing clean dry gloves. Contact with other body parts or sweaty clothing should also be avoided as body oils could complicate the application of finishes.

Finishing

1. Labels on fire doors should never be removed, doing so will void the label.
2. Doors should not be considered ready for finishing when initially received. Before finishing any splits or seams should be filled with wood filler and all handling marks, raised grain, scuffs, burnishes and other undesirable blemishes should be removed by block sanding all surfaces evenly in a tabletop position with 120 to 180 grit sandpaper. To avoid undesirable cross grain scratches, always sand with the grain.
3. Wood is dimensionally influenced by fluctuations in moisture content caused by changes in its surrounding environment. To assure uniform moisture exposure and dimensional stability, all surfaces should be finished equally.
4. Water-based coatings on unfinished wood may cause veneer separation, splits, cracks, checks, highlight joints and raise wood grain. Water-based coating are not recommended for use on Birch doors.
5. Certain species of wood, particularly oak, may contain natural chemicals which react unfavorably with foreign materials in the finishing system. Avoid using steel wool, rusty containers or other items that may contaminate the finishing system.
6. A thinned coat of sanding sealer should be applied prior to staining to promote a uniform appearance and avoid sharp contrasts in color or a blotchy appearance.
7. Dark colored finishes should be avoided on all surfaces if the door is exposed to direct sunlight, in order to reduce the chance of warping or veneer checking.
8. Be sure the door surface being finished is satisfactory in both smoothness and color after each coat. Allow adequate drying time between coats. Desired results are best achieved by following the finish manufacturer's recommendations.

Installation

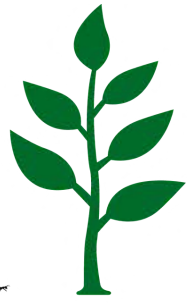
1. Do not install doors in buildings that have wet plaster or cement. HVAC systems should be operating and balanced. Doors should be allowed to become acclimatized to the finished buildings temperature and humidity before hanging.
2. Before installing hardware it should be confirmed that top and bottom rails and any exposed cutouts have been sealed with two coats of sealer.
3. All hardware installations must follow the hardware manufacturers instructions. Hardware on fire-rated doors should be installed in accordance with Aberdeen's published listings and NFPA 80.
4. All doors should be hung with a minimum of one hinge or pivot for every 30" (762 mm) of door height. Heavy weight hinges or continuous hinges are highly recommended on doors over 150 lbs. (68 kg) or wider than 42" (1067 mm).
5. Pilot holes must be drilled for all screws that act as hardware attachments. self-tapping or combination metal/wood screws should not be used to attach surface applied hardware. In the absence of internal blocking all surface applied hardware i.e. surface closers, exit devices, etc. should be mounted by through bolting.
6. When field fitting non-rated doors for height, do not trim top or bottom edge by more than 1/2 " (13 mm) unless accommodated by additional blocking. Trimming of fire-rated doors must be done in accordance with NFPA 80.
7. Doors and frames should be installed level, plumb, square and true.

Maintenance

1. Doors should never be exposed to water or moisture and all exposed surfaces must remain properly sealed and protected throughout their lifetime.
2. It is recommended that all doors and hardware be inspected and adjusted periodically to insure they continue to operate as originally intended.
3. When cleaning door surfaces, use a non-abrasive commercial cleaner designed for cleaning wood doors or paneling surfaces that does not leave a film residue that would build up or affect the finish of the door finish.

Aberdeen

D O O R C O M P A N Y



Contact

EMAIL

info@aberdeendoor.com

PHONE

954 800 4976

