

inpro®

INTERIOR AND EXTERIOR
ARCHITECTURAL PRODUCTS

• IPC®

PALLADIUM® DOORS

*Behind every door is an opportunity
to elevate your brand.*

osa
PRODUCTS

*Palladium Doors are
exclusively available through
OSA Products in the Middle
East, Africa and India.*

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WHY PALLADIUM® DOORS ?

Understand the Palladium® Door difference

To some, a door is nothing more than a passageway to a different destination, but we at Inpro® understand the unique needs your doors face and the impact they have on the rest of your building.

A door may be the first and last thing your guests see as they pass throughout your building, creating first impressions and molding their opinion of your business as they leave. We've researched this journey and have designed our Palladium® Doors to do just that... make a good impression.

Our doors are incredibly durable and withstand high amounts of traffic and daily abuse while maintaining an attractive décor.

How do you get the best of both worlds?

By combining the durability and design of Palladium® Rigid Sheet with the performance and quality of an OSA door.

The Palladium® Door is available in the following constructions:

- Non-rated and fire-rated
- Acoustical (STC)
- Lead-lined
- Bullet-resistant
- LEED® contributing



Say Goodbye to Ugly Damage

When put to the scratch test, our Palladium Rigid Sheet outperforms High Pressure Laminate (HPL) every time. When the surface is gouged on HPL, the backing material is exposed making scratches more apparent. With Palladium, scratches are less visible because the color is consistent throughout the product.

DOORWAY TO DESIGN

Open the door to new design possibilities

You spend so much time making sure your facility is giving a good impression; clean floors, modern colors, sophisticated walls... so why stop at the door frame?

As the first and last thing someone sees as they pass throughout your facility, it's important that your doors not only stand up to the traffic, but also reflect your brand positively.

Don't let your doors close your design possibilities—instead select from a wide variety of colors and patterns to carry the look and feel of your brand throughout your entire facility. Because our doors are clad with the same Palladium® Rigid Sheet that we use throughout our door and wall protection system, there is no doubt that you'll be able to create a seamless design.

If you want to showcase your brand personality throughout your building, our Expressions™ Doors allow you to expand your design horizons by integrating patterns onto the door face.

Mix and match colors and patterns to create a door as unique as your brand without sacrificing your level of protection.



EDGE OPTIONS

Give your doors an edge

Doorways have to withstand the constant wear and tear from everyday use within your building. Coming and going, moving equipment through the hallways or maybe moving furniture to a new space, the door becomes an obstacle to your journey. It's then either jammed open, tethered back or left free to slam shut once you've passed through.

It's no mystery how door edges get damaged so the trick to fix them shouldn't be either.

Palladium® Doors come standard with a removable edge design so that you're able to replace the damaged edge without needing a whole new door. And unlike other doors on the market, our removable edge is designed to fit behind the doorstop to disguise the seam on one side.

The rounded edges of the removable piece allow for damage deflection caused by foot traffic and regular door usage.

With three edging varieties to choose from, you're able to meet the design and protection needs of your building.



FLUSH DOOR EDGE

The door is fully clad in .040" Palladium® Rigid Sheet: front, back and sides.

Available in non-rated, 20-, 45-, 60- and 90 minute fire-rated constructions.

Wood Core Material Choices:
All standard core constructions available.

Cladding Material Choices:
Rigid Vinyl
G2 BioBlend®

Color Choices:
Solid colors
Woodlands
Elements (Rigid Vinyl Only)



REMOVABLE DOOR EDGE

Replace the damaged door edge without replacing the entire door.

Available in non-rated, 20-, 45-, 60- and 90 minute fire-rated constructions.

Features .040" Palladium® Rigid Sheet cladding with a removable vinyl edge.

Wood Core Material Choices:
All standard core constructions available.

Cladding Material Choices:
Rigid Vinyl
G2 BioBlend®

Color Choices:
Solid colors
Woodlands
Elements (Rigid Vinyl Only)



STAINLESS STEEL DOOR EDGE

Replace the damaged door edge and reinforce with a stainless steel edge.

Available in non-rated, 20-, 45-, 60- and 90 minute fire-rated constructions.

Features .040" Palladium® Rigid Sheet cladding with a removable vinyl edge.

Wood Core Material Choices:
All standard core constructions available.

Cladding Material Choices:
Rigid Vinyl
G2 BioBlend®

Color Choices:
Solid colors
Woodlands
Elements (Rigid Vinyl Only)

FRAME + EDGE PROTECTION

Create the total package

Protect door frames from damage with Door Frame Guards and Edge Protectors. We can custom form these pieces to ensure a perfect fit and lasting frame protection.



CUSTOM DOOR FRAME GUARDS

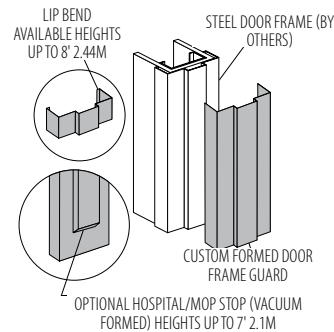
Install with Contact Cement

Material Choices:
Rigid Vinyl
G2 BioBlend®

Color Choices:
Standard Solid Colors
Woodlands

Standard Heights:
36", 48", 96"

Door Edge Protectors are custom products and are not returnable.

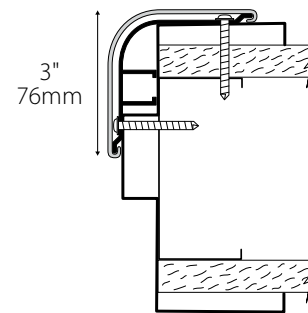


1700 DOOR FRAME GUARDS

Material Choices:
Rigid Vinyl
G2 BioBlend®

Color Choices:
Standard Solid Colors
Woodlands

Standard Heights:
36", 48", 96"



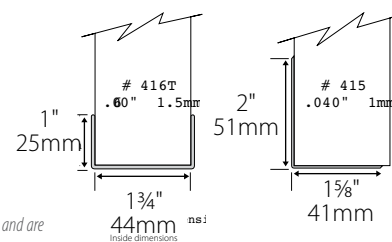
DOOR EDGE PROTECTOR

Install with Contact Cement

Material Choices:
Rigid Vinyl
G2 BioBlend®

Color Choices:
Standard Solid Colors
Woodlands

Door Edge Protectors are custom products and are not returnable.

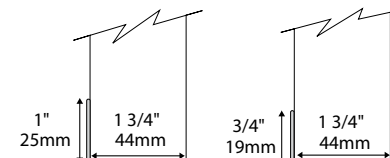


STAINLESS STEEL DOOR EDGE PROTECTOR

1" 25mm 1 3/4" 44mm 3/4" 19mm 1 3/4" 44mm

38" Height
Install with PL Premium or screws

Material Choices:
16 gauge stainless steel
Type 430



FREQUENTLY ASKED QUESTIONS

FACE & EDGE MATERIAL

What is G2 BioBlend®?

In the past, choosing sustainable materials in door and wall protection has meant compromising surface durability. But not anymore! Our G2 BioBlend® is engineered using a biopolymer blend of PETG and bio-based content.

G2 BioBlend® is:

- PVC-Free
- BPA-Free
- PBT-Free
- Phthalate/DEHP-Free
- Class A Fire-Rated
- GREENGUARD® Certified

Is G2 BioBlend® available in all colors and patterns?

No. G2 BioBlend® is only available for Solid Color options.

Does Palladium® Rigid Sheet fade?

There is some UV protection however, Palladium® Rigid Sheet should not be in direct sunlight for extended periods of time. Direct exposure to sunlight may cause the sheet to bubble from the temperature variation.

What are my face and edge material options?

Palladium® Rigid Sheet

- Solid Colors
- Woodlands Faux Wood Patterns
- Elements Patterns

G2 BioBlend®

- Solid Colors only

If the door face is scratched or gouged am I able to fix or repair in the field?

Yes. We at Inpro suggest using colored wax sticks (Mohawk's FI-Stik™) to conceal damage to the rigid sheet surface.

EDGE OPTIONS

Is the removable edge available on all Palladium® Doors?

No. Removable edges are available for the following doors:

- 20-min (singles, pairs and double egress pairs)
- 45-min (singles and pairs)
- 60-min (singles)

Why is the removable edge important?

- It allows you to replace the damaged edge without replacing the entire door. The rounded edges minimize damage during regular door use.
- You can easily make the replacement on site without the need to call in a licensed worker for fire-rated doors.
- The edges were specifically designed to fit behind the doorframe, minimizing visible seams.
- The removable edge is 2x as thick as the door face and the fixed edge design, offering you extreme durability.

What are my door edge options?

Palladium® Rigid Sheet (Fixed and Removable)

- Solid Colors
- Woodlands Faux Wood Patterns
- Elements Patterns

G2 BioBlend® (Fixed and Removable)

- Solid Colors only
- Stainless Steel (Removable only)

How do I replace the removable edge?

Visit www.eggertindustries.com to view a complete video outline of the replacement process.

FIRE-RATED DOORS

What fire ratings are available for the Palladium® Doors?

Non-rated singles and pairs (with fixed edges) are available through 90-minutes.
Non-rated singles (with removable edges) are available through 60-minutes

Which removable edge is available for fire-rated doors?

Replacement removable edges are available in both vinyl and stainless steel.

HARDWARE APPLICATIONS

Are EPTs available for fire-rated Palladium® Doors?

EPT's are only available for fixed edge Palladium® Doors.

Can I use EPTs on my Palladium® Door with removable edges?

Currently, the hardware conflicts with the return groove on the removable edge, splitting the profile and removing the attachment to the door edge.

Can I use concealed vertical rods (CVRs) for my Palladium® Door with removable edges?

Currently, CVRs by Von Duprin, Precision and Falcon are incompatible with the removable edge profile. The combination impacts the door integrity.

Why aren't flush bolts and removable edges available for 20/45/60-minute doors?

The preparation for corner flush bolts conflicts with the removable edge machining. Removable edge Palladium® Doors can be prepped for extension or double bored flush bolts. Another option is to use fixed edges.

OTHER

Fact

Palladium® Doors meet WDMA Heavy Duty construction standards

Do Palladium® Doors meet Extra Heavy Duty construction standards as required in healthcare environments?

Yes. Palladium® Doors can be constructed to meet both Heavy Duty and Extra Heavy Duty construction specifications.

Under normal use, what is the estimated life expectancy of a Palladium® Door?

For more information about warranty and testing data, visit www.eggertindustries.com.

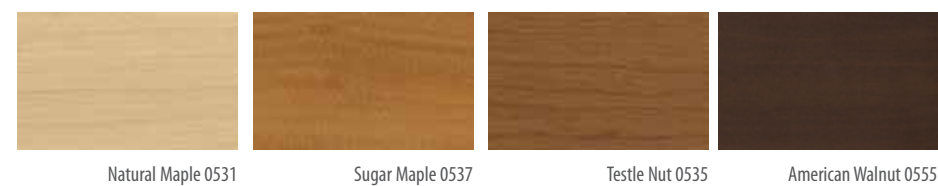
COLOR GUIDE

 Due to the printing process, colors may vary. For more accurate color selection, please request samples.

Solid Colors



Woodland Patterns



THE PALLADIUM® DOOR WITH FIXED EDGES

UL Testing Standards

	DOOR OPTIONS (NON-REMOVABLE EDGE)		VINYL CLAD
	20-Minute Single	20-Minute Pairs	Non-Rated
Maximum Size	4' x 10'	8' x 10' parallel and double egress	4' x 10' each leaf
Thickness	1-3/4" –2-1/4"		
Core	Particleboard, stave, FSC® certified stave, structural composite (SCL), FSC certified structural composite, agrifiber, FSC certified particle core and no urea-formaldehyde particle core		
Max Door and Transom Non-Rabbetted	4' x 14' (with bar) 4' x 12' (without bar)	6' x 14' (with bar) 6' x 12' parallel swing only (without bar)	4' x 14' (with or without bar)
Stiles	Mill option		
Rails	Rails are optional on SCL core, 1-1/8" rails are standard on other core types (per standard core elevations)		
Reinforcements	None required for extra heavy-duty application SCL, stave, certified stave core, or heavy-duty application particleboard. Required for extra heavy-duty application particleboard and all agrifiber duty levels.		
Faces	Palladium® Rigid Sheet (PVC)* and G2 BioBlend® (non-PVC)–.040" (1mm) standard thickness		
Crossbands	1-11" high density fiberboard		
Lites	Up to 1296 sq. in. with particleboard and agrifiber cores; Up to 2866 sq. in. with SCL, stave, and certified stave cores. Factory glazing is recommended to comply with NFPA 80 standards.		
Louvers	Metal louvers up to 576 sq. in. where allowed by code	Wood or metal	
Latching Hardware	Cylinders, mortised, unit, or card locks with up to 5" backset Electrified locks are permitted/deadbolts as secondary latches		Most available latching hardware
Hinges	Per NFPA-80—butts, pivots, and continuous hinges (electrified hinges permitted)		
Electric Power Transfers	Any UL-listed power transfers		
Flushbolts	N/A	Automatic corner or extension bolts up to 36" or surface	Corner or extension bolts to 36"
Fire Exit Hardware	Rim, Mortised Exit	Rim or Mortised Exit, SVR or CVR (full or top rod only)	Rim, Mortised Exit, SVR, SVR-LBR, CVR, CVR-LBR
Closers, Stops, Holders	Listed surface or concealed hardware having a mortise up to 23-3/4" long x 1-1/2" deep x 1-3/8" wide, concealed tank body up to 11-1/4" long x 2-9/32" deep x 1-3/8" wide		Listed surface or concealed hardware with a mortise up to 1-1/2" deep by 1-3/8" wide
Edge Protection	Surface or mortised edge guards		
Drop Seals	Listed and approved surface, mortised, or semi-mortised		
Viewers	Single viewer available up to 1" diameter, two available if less than 1"	Available	
Magnetic Switches	Tubular or rectangular type switches where listed as fire door accessories		
Flat Panels	Allowed with painted or stained-to-match wood beads		
Kickplates	Surface applied or mortised flush		
Special Details	Machining for hardware, installation of lites, louvers, and raceways		
Acoustic Applications	STC 43 or 44, call for details	N/A	STC 43 or 44, call for details
Bullet-Resistant Applications	Levels 1, 2, 3, 6 and 7 in 1-3/4" door thickness; all levels (1-8) in 2-1/4" door thickness		
Lead-lined Applications	Available with 1/32", 1/16" and 1/8" total lead shielding		
Warranty	Life of original installation—not warranted for exterior installations		
Standards	WDMA I.S. 1A, AWS, NFPA-252, UL 10C, UL 10B, NFPA-80, IBC		

*Wood grain patterns have a higher selling price than solid color faces.

THE PALLADIUM® DOOR WITH FIXED EDGES

UL Testing Standards

	DOOR OPTIONS (NON-REMOVABLE EDGE)				VINYL CLAD	
	45-Minute Single	45-Minute Pairs	60-Minute Single	60-Minute Pairs	90-Minute Singles	90-Minute Pairs
Maximum Size	4' x 10'	Standard and double egress: 8' x 8'	4' x 9'	Standard and double egress: 8' x 8'	4' x 9'	Standard and double egress: 8' x 8'
Thickness	1-3/4"–2-1/4"					
Core	Mineral					
Max Door & Transom Non-Rabbetted	Single swing only: with bar, 48" width and height, 132" overall; without bar, 42" width, 48" height, 120" overall					
Stiles	Per fire rating and hardware option selected					
Rails	Per fire rating and hardware option selected					
Reinforcements	Blocking is required for screw-attached surface hardware for all duty levels					
Faces	Palladium® Rigid Sheet (PVC)* and G2 BioBlend® (non-PVC)–.040" (1mm) standard thickness					
Crossbands	1-11" high density fiberboard					
Lites	Up to 54" high and 1296 sq. in.; for temperature rise applications lites over 100 sq. in. must be fire resistant glazing					
Louvers	Fire-rated metal louvers up to 576 sq. in. and 24" max length or width dimension, where allowed by code					
Latching Hardware	Singles and Standard Pairs: Cylinders, mortised, unit, or card locks with up to 5" backset. Electrified locks are permitted/deadbolts as secondary latches.					
Hinges	Per NFPA-80—butts, pivots, and continuous hinges (electrified hinges permitted)					
Electric Power Transfers	Any UL-listed power transfers					
Flushbolts	Automatic corner or extension bolts up to 24" on standard swing pairs only					
Fire Exit Hardware	Single Swing: Rim or mortised exits; Standard Pair: Rim or mortised exits, surface vertical rods and concealed vertical rods (full or top rod only); DE Pair: SVR (full or top rod only) or CVR (top rod only)					
Closers, Stops, Holders	Listed surface or concealed hardware having a mortise up to 23-3/4" long x 1-1/2" deep x 1-3/8" wide					
Edge Protection	Surface or mortised edge guards			Surface edge guards		
Drop Seals	Listed and approved surface, mortised or semi-mortised					
Viewers	Single viewer available up to 1" diameter, two viewers if less than 1" diameter					
Magnetic Switches	Tubular or rectangular type switches where listed as fire door accessories					
Flat Panels	N/A					
Kickplates	Surface applied					
Special Details	Machining for hardware, installation of lites, louvers and raceways					
Acoustic Applications	N/A					
Bullet-Resistant Applications	N/A					
Lead-lined Applications	Available with 1/32", 1/16" and 1/8" total lead shielding				N/A	
Warranty	Life of original installation—not warranted for exterior installations					
Standards	WDMA I.S. 1A, AWS, NFPA-252, UL 10C, UL 10B, NFPA-80, IBC					

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THE PALLADIUM® DOOR WITH REMOVABLE EDGES

UL Testing Standards

	DOOR OPTIONS (REMOVABLE EDGE)		VINYL CLAD
	20-Minute Single	20-Minute Pairs	Non-Rated
Maximum Size	4' x 8'	8' x 8' parallel and double egress	4' x 10' each leaf
Thickness	1-3/4"		
Core	Particleboard, stave, FSC® certified stave, structural composite (SCL), FSC certified structural composite, agrifiber, FSC certified particle core and no urea-formaldehyde particle core		
Max Door & Transom Non-Rabbetted	N/A	N/A	N/A
Stiles	Mill option		
Rails	Rails are optional on SCL core, 1-1/8" rails are standard on other core types (per standard core elevations)		
Reinforcements	None required for extra heavy-duty application SCL, stave, certified stave core, or heavy-duty application particleboard. Required for extra heavy-duty application particleboard and all agrifiber duty levels.		
Faces	Palladium® Rigid Sheet (PVC)* and G2 BioBlend® (non-PVC)–.040" (1mm) standard thickness		
Crossbands	1-11" high density fiberboard		
Lites	Up to 1296 sq. in. with particleboard and agrifiber cores; Up to 2866 sq. in. with SCL, stave, and certified stave cores. Factory glazing is recommended on fire rated doors to comply with NFPA 80 standards.		
Louvers	Metal louvers up to 576 sq. in. where allowed by code		Wood or metal
Latching Hardware	Cylinders, mortised, unit or card locks with up to 5" backset Electrified locks are permitted/deadbolts as secondary latches		Most available latching hardware
Hinges	Per NFPA-80—butts, pivots and continuous hinges (electrified hinges permitted)		
Electric Power Transfers	N/A		
Flushbolts	N/A	Double-bored or extension type available	
Fire Exit Hardware	Rim, surface vertical rods (full or top rod only) and mortised exit hardware		Rim, Mortised Exit, SVR, SVR-LBR
Closers, Stops, Holders	Listed surface or concealed hardware having a mortise up to 23-3/4" long x 1-1/2" deep x 1-3/8" wide, concealed tank body up to 11-1/4" long x 2-9/32" deep x 1-3/8" wide		Listed surface or concealed hardware with a mortise up to 1-1/2" deep by 1-3/8" wide
Edge Protection	Removable PVC, Non-PVC, or stainless steel cladding		
Drop Seals	Surface mounted		
Viewers	Single viewer available up to 1" diameter, two available if less than 1" diameter		
Magnetic Switches	Tubular or rectangular type switches where listed as fire door accessories		
Flat Panels	Allowed with painted—or stained-to-match wood beads		Available
Kickplates	Surface applied or mortised flush between the removable edges		
Special Details	Machining for hardware, installation of lites, louvers, and raceways		
Acoustic Applications	STC 43 or 44, call for details	N/A	STC 43 or 44, call for details
Bullet-Resistant Applications	N/A		
Lead-lined Applications	N/A		
Warranty	Life of original installation—not warranted for exterior installations		
Standards	WDMA I.S. 1A, AWS, NFPA-252, UL 10C, UL 10B, NFPA-80, IBC		

*Wood grain patterns have a higher selling price than solid color faces.

THE PALLADIUM® DOOR WITH REMOVABLE EDGES

UL Testing Standards

	DOOR OPTIONS (REMOVABLE EDGE)		VINYL CLAD
	45-Minute Single	45-Minute Pairs	60-Minute Single
Maximum Size	4' x 8'	Standard and double egress: 8' x 8'	4' x 8'
Thickness	1-3/4"		
Core	Mineral		
Max Door & Transom Non-Rabbetted	N/A		
Stiles	Per fire rating and hardware option selected		
Rails	Per fire rating and hardware option selected		
Reinforcements	Blocking is required for screw-attached surface hardware for all duty levels		
Faces	Palladium® Rigid Sheet (PVC)* and G2 BioBlend® (non-PVC)–.040" (1mm) standard thickness		
Crossbands	1-11" high density fiberboard		
Lites	Up to 54" high and 1296 sq. in.; for temperature rise applications lites over 100 sq. in. must be fire resistant glazing. Factory glazing recommended on fire rated doors to comply with new NFPA 80 standards.		
Louvers	Fire-rated metal louvers up to 576 sq. in. where allowed by code		
Latching Hardware	Singles: Cylinders, mortised, unit, or card locks with up to 5" backset. Electrified locks are permitted/deadbolts as secondary latches.		
Hinges	Per NFPA-80—butts, pivots, and continuous hinges (electrified hinges permitted)		
Electric Power Transfers	N/A		
Flushbolts	N/A		
Fire Exit Hardware	Single Swing: Rim or mortised exits; Standard Pair: Rim or mortised exits, SVR (full or top rod only); DE Pair: SVR (full or top rod only)		
Closers, Stops, Holders	Surface mounted		
Edge Protection	Removable PVC, Non-PVC, or stainless steel cladding		
Drop Seals	Surface mounted		
Viewers	Single viewer available up to 1" diameter, two viewers if less than 1" diameter		
Magnetic Switches	Tubular or rectangular type switches where listed as fire door accessories		
Flat Panels	N/A	Available	
Kickplates	Surface applied		
Special Details	Machining for hardware, installation of lites, louvers, and raceways		
Acoustic Applications	N/A		
Bullet-Resistant Applications	N/A		
Lead-lined Applications	N/A		
Warranty	Life of original installation—not warranted for exterior installations		
Standards	WDMA I.S. 1A, AWS, NFPA-252, UL 10C, UL 10B, NFPA-80, IBC		

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THE PALLADIUM® DOOR WITH REMOVABLE EDGES

BS Testing Standards

	DOOR OPTIONS (REMOVABLE EDGE)		
	30-Minute Single	30-Minute Pairs	
Maximum Size	4' x 8' (1219x2438 mm)	4' x 8' (1219x2438 mm)	
Thickness	1-3/4" (44.5mm)		
Core	400 +/- 15kgm3		
Max Door & Transom Non-Rabbetted	N/A	N/A	
Stiles	Hardwood with minimum density of 33.4lb/ft3 (550 kg/m3)		
Rails	Hardwood with minimum density of 33.4lb/ft3 (550 kg/m3)		
Reinforcements	Blocking is required for screw-attached surface hardware for all duty levels		
Crossbands	N/A		
Faces	IPC® Rigid Sheet (PVC or Non PVC) 0.04 (1mm) - 0.06 (1.5m)		
Lites	33-5/8" (854mm) x 33-5/8" (854mm) clear view, steel vision kit frames screws from one side into other side and pinches door and glass. Firelite glass 6mm thick		
Louvers	Fire-rated metal louvers up to 576 sq. in. where allowed by code		
Latching Hardware	Lares mortise lock LML 1100 Lares LTS 107 door handle 1/2" (12mm) throw		
Hinges	(4) Lares 4-1/2" (114m) x 0.134" 3.4 full mortise butt type hinges		
Electric Power Transfers	N/A		
Flushbolts	Applicable to Double Doors Only		
Fire Exit Hardware	Single Swing: Rim or mortised exits, SVR (full or top rod only); DE Pair: SVR (full or top rod only)		
Stops, Holders	Surface Mounted		
Edge Protection	Removable IPC Rigid Vinyl, (PVC or Non-PVC)		
Drop Seals	Surface mounted		
Viewers	Single viewer available up to 1" (25.4mm) diameter		
Magnetic Switches	Tubular or rectangular type switches where listed as fire door accessories		
Flat Panels	N/A		
Kickplates	Surface applied		
Special Details	Machining for hardware, installation of lites, louvers, and raceways		
Acoustic Applications	Available up to STC 30- for higher STC call for details		
Bullet-Resistant Applications	N/A		
Lead-lined Applications	Available for Non- fire rated Doors only call for details		
Warranty	Life of original installation—not warranted for exterior installations		
Standards	BS 476-22		

*Wood grain patterns have a higher selling price than solid color faces.

THE PALLADIUM® DOOR WITH REMOVABLE EDGES

BS Testing Standards

	DOOR OPTIONS (REMOVABLE EDGE)	
	60-Minute Single	60-Minute Pairs
Maximum Size	4' x 8' (1219x2438 mm)	4' x 8' (1219x2438 mm)
Thickness	1-31/32" (50mm)	
Core	Mineral Thard Core (ET11)	
Max Door & Transom Non-Rabbetted	N/A	
Stiles	Hardwood with minimum density of 46.8lbs/ft3 (750 kg/m3)	
Rails	Hardwood with minimum density of 46.8lbs/ft3 (750 kg/m3)	
Reinforcements	Blocking is not required for screw-attached surface hardware for all duty levels	
Crossbands	.1" (2.5mm) Medium Density Fiberboard	
Faces	IPC® Rigid Sheet (PVC or Non PVC) 0.04 (1mm) - 0.06 (1.5m)	
Lites	33-5/8" (854mm) x 33-5/8" (854mm) clear view, steel vision kit frames screws from one side into other side and pinches door and glass. Firelite glass 6mm thick	
Louvers	Fire-rated metal louvers up to 576 sq. in. where allowed yet	
Latching Hardware	Lares mortise lock LML 1100 Lares LTS 107 door handle 1/2" (12mm) throw	
Hinges	(4) Lares 4-1/2" (114m) x 0.134" 3.4 full mortise butt type hinges or 4" (102mm) x (102mm)	
Electric Power Transfers	N/A	
Flushbolts	Applicable for Double Doors only	
Fire Exit Hardware	Single Swing: Rim or mortised exits, SVR (full or top rod only); DE Pair: SVR (full or top rod only)	
Stops, Holders	Surface Mounted	
Edge Protection	Removable IPC Rigid Vinyl (PVC or Non-PVC)	
Drop Seals	Surface mounted	
Viewers	Single viewer available up to 1" (25.4mm) diameter, two available if less than 1" (25.4mm) diameter	
Magnetic Switches	Tubular or rectangular type switches where listed as fire door accessories	
Flat Panels	N/A	
Kickplates	Surface applied	
Special Details	Machining for hardware, installation of lites, louvers, and raceways	
Acoustic Applications	Available up to STC 35 - for higher STC call for details	
Bullet-Resistant Applications	N/A	
Lead-lined Applications	Available for Non-fire rated doors only	
Warranty	Life of original installation—not warranted for exterior installations	
Standards	BS 476-22	

THE PALLADIUM® DOOR WITH REMOVABLE EDGES

BS Testing Standards

	DOOR OPTIONS (REMOVABLE EDGE)		
	120-Minute Single	90-Minute Pairs	90-Minute Single
Maximum Size	4' x 8' (1219x2438 mm)	4' x 8' (1219x2438 mm)	4' x 8' (1219x2438 mm)
Thickness	1-31/32" (50mm)		
Core	Mineral Thard Core (ET17)		
Max Door & Transom Non-Rabbetted	N/A		
Stiles	Hardwood with minimum density of 46.8lbs/ft3 (750kg/m3)		
Rails	Hardwood with minimum density of 46.8lbs/ft3 (750 kg/m3)		
Reinforcements	Blocking is required for screw-attached surface hardware for all duty levels		
Crossbands	.35" (9mm) TFB + .1" (2.5mm) Medium Density Fiberboard		
Faces	IPC® Rigid Sheet (PVC or Non PVC) 0.04 (1mm) - 0.06 (1.5m)		
Lites	10" (254mm) x 10" (254mm) and 11-7/8"(300mm) x 11-7/8"(300mm) clear view, steel vision kit frames screws from one side into other side and pinches door and glass. Firelite glass 6mm thick max width 10" (25mm), max weight 20" (508mm)		
Louvers	Fire-rated metal louvers up to 576 sq. in. where allowed by code		
Latching Hardware	Lares mortise lock LML 1100 Lares LTS 107 door handle 1/2" (12mm) throw		
Hinges	(4) Lares 4-1/2" (114m) x 0.134" 3.4 full mortise butt type hinges		
Electric Power Transfers	N/A		
Flushbolts	Applicable for Double Doors only		
Fire Exit Hardware	Single Swing: Rim or mortised exits, SVR (full or top rod only); DE Pair: SVR (full or top rod only)		
Stops, Holders	Surface Mounted		
Edge Protection	Removable IPC Rigid Vinyl (PVC or Non-PVC)		
Drop Seals	Surface mounted		
Viewers	Single viewer available up to 1/2" (12.7mm) diameter		
Magnetic Switches	Tubular or rectangular type switches where listed as fire door accessories		
Flat Panels	N/A		
Kickplates	Surface applied		
Special Details	Machining for hardware, installation of lites, louvers, and raceways		
Acoustic Applications	Available up to STC 34 - for higher STC rating call for details		
Bullet-Resistant Applications	Available call for details		
Lead-lined Applications	Available for Non- fire rated Doors only		
Warranty	Life of original installation—not warranted for exterior installations		
Standards	BS 476-22		



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