



**Architectural  
Wood Doors**

# Palladium® Collection



Removable Edge  
Washed Walnut 5E030

# Overview

*Supremely* DURABLE

Palladium® by VT is a supremely durable architectural door that withstands high amounts of traffic and abuse while maintaining an attractive décor. Pair the strength and protection of InPro's IPC® Rigid Vinyl Sheet and the quality and performance of our wood flush doors and you have the Palladium Door, the very essence of versatility.

Our Palladium Door is a widely common door selection in healthcare facilities due to its extreme durability. In addition, Palladium doors are widely utilized in many educational settings, government facilities, science centers, and match other specified Inpro materials.






## The Palladium Door is available in the following constructions:

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

## Face options include:

- Over 125 colors, faux finish, and wood grain patterns
- PVC or non-PVC IPC Rigid Sheet
- Sketchface and metal inlay designs
- Custom color options available

## HOW DO THEY COMPARE?

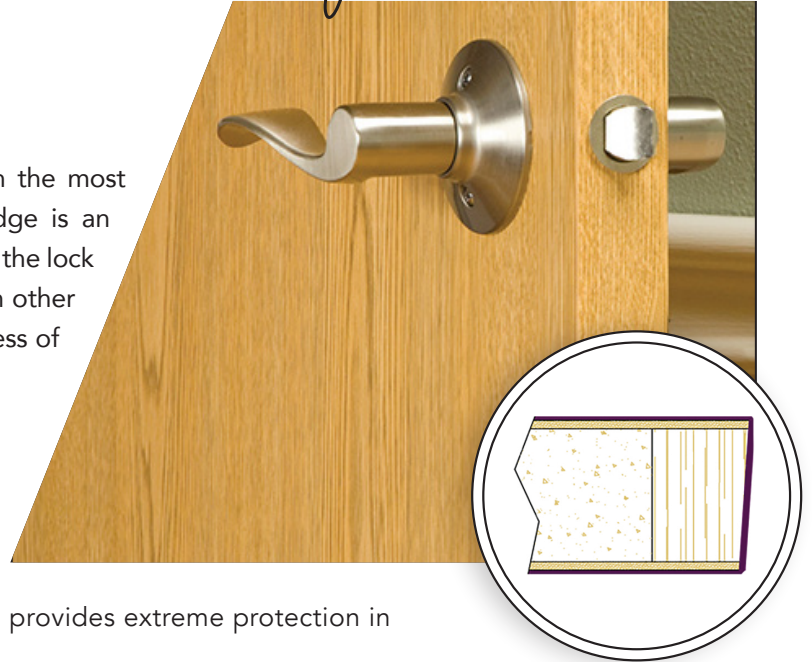
PALLADIUM COLLECTION		
Palladium Impact Resistant Doors		
<b>FIXED EDGE</b> Vinyl clad edge provides additional protection in high-impact environments	<b>REMOVABLE EDGE - VINYL</b> Rounded vinyl edge minimizes damage, can be replaced without replacing the entire door	<b>REMOVABLE EDGE - STAINLESS STEEL</b> Rounded stainless steel edge provides ultimate durability and can be replaced without replacing the entire door
<i>Good</i>	<i>Better</i>	<i>Best</i>
		



# Fixed Edge

*Aesthetically* PLEASING

Typically, the vertical edges of the door opening sustain the most damage in high-traffic applications. Palladium's fixed edge is an extremely durable solution that offers added protection to the lock edge. With the fixed edge, you can seamlessly blend with other doors throughout the facility where high impact may be less of a concern.



Fixed Edge

- Vinyl-clad face and fixed edge provides extreme protection in high-impact environments
- Wear resistance is 6 times higher than traditional laminate edge
- Creates consistent design throughout the building matching other architectural products
- Impact resistance 2 times higher than traditional laminate
- Limited-lifetime warranty
- Non-rated, 20-,45-,60-, and 90-minute options

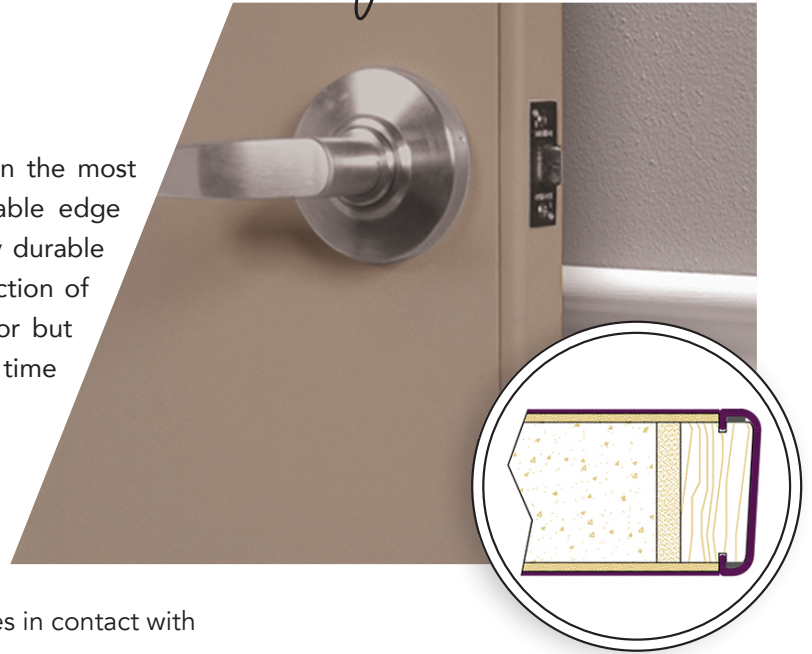


Fixed Edge  
American Teak 0553

# Removable Edge

*Durability* DEFINED

Typically, the vertical edges of the door opening sustain the most damage in high-traffic applications. Palladium's removable edge is a game changer for the door industry. This extremely durable door solution not only provides the strength and protection of the Inpro IPC Rigid Vinyl Sheet for the face of the door but provides a highly durable edge solution that will save you time and money.



- Rounded edge minimizes damage when the door comes in contact with large objects
- Removable edge is double the thickness of the faces and fixed door edge
- Wear resistance is 6 times higher than traditional laminate
- Allows replacement of damaged door edges without replacing the entire door; edge can be replaced while door is still hanging
- Impact resistance is 2 times higher than traditional laminate
- If the edge is damaged, it can easily be replaced in the field without requiring a licensed machinist; reduces downtime
- No need to purchase additional protective hardware
- No added hardware gives your facility a warmer, more inviting feeling
- Creates a consistent design throughout the building while matching other architectural products
- Stainless steel and vinyl edge options
- Non-rated, 20-, 45-60-, and 90-minute options



Removable Stainless Steel Edge



Removable Vinyl Edge





# Fixed Edge

*Aesthetically* PLEASING

	Non-Rated	20-Minute Single	20-Minute Pairs	45-Minute Singles	45-Minute Pairs	60-Minute Singles	60-Minute pairs	90-Minute Singles	90-Minute Pairs
Maximum Size	4' x 10'	4' x 10'	8' x 10'	4' X 10'	8' x 9'	4' x 9'	8' x 9'	4' x 9'	8' x 9'
Thickness	1-3/8" – 2-1/4"	1-3/4 – 2-1/4"							
Core	Particleboard, Structural Composite (SCL), FSC Certified Structural Composite, Agrifiber, FSC Certified Particle Core and No Urea-Formaldehyde Particle Core			Fire Composite and Agrifiber  Sizes and availability will vary depending on core type and hardware options		Fire Composite			
Door and Transom	Available (Consult factory)								
Stiles	Structural Composite Lumber (SCL)			Per fire rating and hardware option selected					
Rails	Structural Composite Lumber (SCL)			Per fire rating and hardware option selected					
Reinforcements	Particleboard and Agrifiber require blocking for surface mounted hardware.			Blocking is required for surface mounted hardware for all duty levels					
Faces	IPC® Rigid Sheet (PVC)* and G2 BioBlend® (non-PVC, solid colors only) –.040" (1mm) standard thickness								
Crossbands	1/11" High Density Fiberboard								
Lites	Available	Up to 1296 sq. in. with Particleboard and Agrifiber cores; Up to 2950 sq. in. with SCL core		Up to 70-3/4" high and 2176 sq. in.; for temp. rise applications max 100 sq. in.		36"w x 56"l visible and 1344 sq.in.; for temperature rise applications max 100 sq. in.			
	Factory glazing is recommended on fire rated doors to comply with NFPA 80 standard								
Louvers	Wood or metal	N/A		Fire-rated fusible link metal louvers up to 864 sq. in. and max 24" width X 36" height					
Latching Hardware	Most available latching hardware	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 Transfer	(EPT) Available								
Flushbolts	Corner or extension bolts to 36"	N/A	Automatic corner or extension bolts up to 36"	N/A	Automatic corner or extension bolts up to 36"	N/A	Automatic corner or extension bolts up to 36"	N/A	Automatic corner or extension bolts up to 36"
Fire Exit Hardware	Rim or Mortised Exit, SVR, SVR-LBR, CVR, CVR-LBR	Listed Rim or Mortised Exit, SVR, SVR-LBR, CVR, CVR-LBR Availability will vary depending on core type and size options							
Closers, Stops, Holders	Surface or concealed	Listed surface or concealed hardware having a mortise up to 1-1/2" deep x 23-3/4" long x 1-5/16" wide							
Edge Protection	IPC® Rigid Sheet (PVC)* and G2 BioBlend® (non-PVC, solid colors only)–.040" (1mm) standard thickness								
Drop Seals	Available	Listed and approved surface, mortised, or semi-mortised							
Viewers	Available	2 per door max; 1" diameter max							
Magnetic Switches	Tubular or rectangular type switches where listed as fire door accessories								
Acoustic Applications	STC 52 max - Single STC 41 max - Pairs	STC 52 max	STC 31 max	STC 47 max	STC 37 max	STC 47 max	STC 37 max	STC 37 max	STC 37 max
Bullet-Resistant Applications	Levels 1-8 available in either 1-3/4" or 2-1/4" thickness	N/A							
Lead-Lined Applications	Available with 1/32", 1/16" and 1/8" total lead shielding				N/A				
Warranty	Limited Lifetime; For interior use only								
Standards	WDMA I.S. 1A, AWS, NFPA-252, UL 10C, UL 10B, NFPA-80, IBC								

# Removable Edge

*Durability* **DEFINED**

	Non-Rated	20-Minute Single	20-Minute Pairs	45-Minute Singles	45-Minute Pairs	60-Minute Singles	60-Minute pairs	90-Minute Singles	90-Minute Pairs
Maximum Size	4' x 10'	4' x 10'	8' x 10'	4' x 8'	8' x 8'	4' x 8'	N/A	4' x 8'	N/A
Thickness	1-3/4"								
Core	Particleboard, Structural Composite (SCL), FSC Certified Structural Composite, Agrifiber, FSC Certified Particle Core and No Urea-Formaldehyde Particle Core			Fire Composite					
Door and Transom	Available (Consult factory)								
Stiles	Maple			Per fire rating and hardware option selected					
Rails	Structural Composite Lumber (SCL)			Per fire rating and hardware option selected					
Reinforcements	Particleboard and Agrifiber require blocking for surface mounted hardware.			Blocking is required for surface mounted hardware for all duty levels					
Faces	IPC® Rigid Sheet (PVC)* and G2 BioBlend® (non-PVC, solid colors only) –.040" (1mm) standard thickness								
Crossbands	1/11" High Density Fiberboard								
Lites	Available	Up to 1296 sq. in. with Particleboard and Agrifiber Cores; Up to 2950 sq. in. with SCL core		Up to 36" w x 54" cutout 1296" sq. in. for temp. rise application max 100 sq. in.				Up to 24" x 24" cutout and 576 sq in. for temperature rise applications max 100 sq. in.	
	Factory glazing is recommended on fire rated doors to comply with NFPA 80 standard								
Louvers	Wood or metal	N/A		N/A					
Latching Hardware	Most available latching hardware	Cylinders, mortised, unit, or card locks with up to 5" backset Electrified locks are permitted/deadbolts as secondary latches							
Hinges	Per NFPA-80—butts, and pivots (electrified hinges permitted)								
Electric Power Transfer	N/A								
Flushbolts	Double-bored or extension type available	N/A	Double-bored or extension type available	N/A	Double-bored or extension type available	N/A	N/A	N/A	N/A
Fire Exit Hardware	Rim or Mortised Exit, SVR, SVR-LBR	Listed Rim or Mortised Exit, SVR, SVR-LBR Availability will vary depending on core type and size options							
Closers, Stops, Holders	Surface or concealed	Listed surface or concealed hardware having a mortise up to 1-1/2" deep x 23-3/4" long x 1-5/16" wide							
Edge Protection	IPC® Rigid Sheet (PVC)* and G2 BioBlend® (non-PVC, solid colors only) –.080"								
Drop Seals	Available (Consult factory)								
Viewers	Available	2 per door max; 1" diameter max							
Magnetic Switches	Tubular or rectangular type switches where listed as fire door accessories								
Acoustic Applications	N/A								
Bullet-Resistant Applications	N/A								
Lead-Lined Applications	N/A								
Warranty	Limited Lifetime; For interior use only								
Standards	WDMA I.S. 1A, AWS, NFPA-252, UL 10C, UL 10B, NFPA-80, IBC								



# Trending Colors

## INPRO'S IPC® RIGID VINYL

Over 125 solid colors, patterns, metallics, and wood grains patterns are available



American Walnut 0555



Barrel Oak 0527



Boston Cherry 0534



Trestle Nut 5E032



American Teak 0553



Washed Walnut 5E030



Slate 0237



Ashwood Plank 5E047



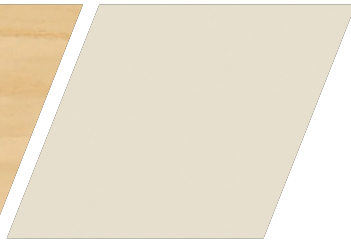
Smoked Stratus 5E031



Santa Rosa Oak 0532



Sugar Maple 0548



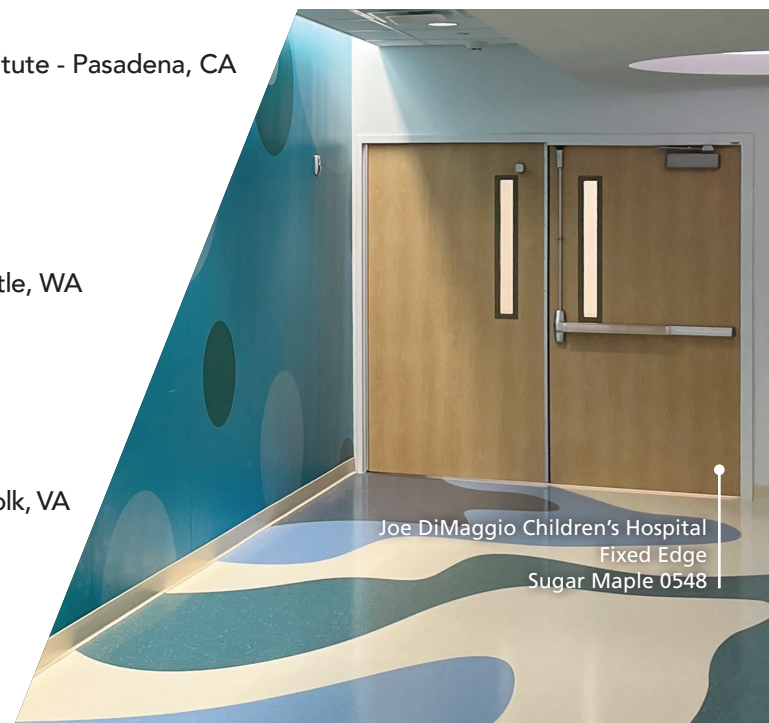
Clam Shell 0154



**MORE OPTIONS**

## PALLADIUM DOOR PROJECT HIGHLIGHTS

- Chen Neuroscience Research Building, California Technical Institute - Pasadena, CA
- Wexner Medical-Columbus, OH
- Luma Hotel (Stanford Hotel Group) - San Francisco, CA
- Jackson North Medical Center - North Miami Beach, FL
- Marriott Seattle South Lake Union - (Stanford Hotel Group) - Seattle, WA
- McLaren Bay Medical Center-Bay City, MI
- Stockton Police Department - Stockton, CA
- Texas Health Harris Methodist Hospital – Ft. Worth, TX
- Children's Hospital of the King's Daughter Medical Tower II – Norfolk, VA
- U.S. Attorney Office – Las Cruces, NM
- Valleywise Health Medical Center - Phoenix, AZ
- Shannondale Assisted Living-Knoxville, TN
- Broadlawns Medical Center – Des Moines, IA





# WHEN YOU CHOOSE VT, YOU CHOOSE PERFORMANCE AND BEAUTY



LEARN MORE TODAY



## YOUR SINGLE SOURCE FOR PALLADIUM + MORE

Eggers Stile & Rail Collection



Heritage Collection



CUSTOMER  
SERVICE

800.827.1615  
info@vtindustries.com  
vtindustries.com



© 2024 VT Industries, Inc. All rights reserved. 17546 03-2024