

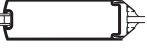




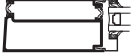


Product	190 Standard Entrances Narrow Stile	350 Standard Entrances Medium Stile	500 Standard Entrances Wide Stile	350/500 Heavy Wall™ Entrances
Catalog Section	Entrances	Entrances	Entrances	Entrances
Typical Detail				
Sightline	2-1/8"	3-1/2"	5"	3-1/2", 5"
Depth	1-3/4"	1-3/4"	1-3/4"	2"
Applications	Moderate Traffic	Moderate to High Traffic	High Traffic	High Traffic
Infill Options	Up to 1"	Up to 1"	Up to 1"	Up to 1"
Cross Rails/Muntins	Yes	Yes	Yes	Yes
Thermal	No	No	No	No
2 Color Option	No	No	No	No
Product Description	The "190" narrow stile entrance door offers a slim appearance, features dual-moment corner construction and is designed for applications such as offices, stores and apartment buildings.	The "350" medium stile entrance door offers a rugged appearance features dual-moment corner construction and is designed for schools, institutions, and other high traffic conditions.	The "500" wide stile entrance door features dual-moment corner construction, and it creates a monumental visual appearance for banks, libraries or buildings experiencing the heaviest traffic conditions.	A medium stile heavy duty door and door frame with increased wall thickness to provide greater durability in heavy traffic areas. The 500 Heavy Wall™ offers the same performance features as the 350 except in a wide stile design.
Testing for Protective Glazing	—	—	—	—
Performance Class/Rating	—	—	—	—
Performance Test Standards	ASTM E283 Dual Moment Corner	ASTM E283 Dual Moment Corner	ASTM E283 Dual Moment Corner	ASTM E283 Dual Moment Corner

Laws and building and safety codes governing the design and use of glazed entrance, window, and curtain wall products vary widely. Kawneer does not control the selection of product configurations, operating hardware, or glazing materials, and assumes no responsibility therefor.



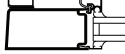
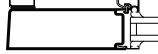
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Product	350 Tuffline™ Entrances	500 Tuffline™ Entrances	AA™250 Thermal Entrances	AA™425 Thermal Entrances
Catalog Section	Entrances	Entrances	Entrances	Entrances
Typical Detail				
Sightline	3-1/2"	5"	2-1/2"	4-1/4"
Depth	2"	2"	2-1/4"	2-1/4"
Applications	High Traffic High Abuse	High Traffic High Abuse	Moderate Traffic	Moderate Traffic
Infill Options	Up to 1"	Up to 1"	1"	1"
Cross Rails/Muntins	Yes	Yes	Yes	Yes
Thermal	No	No	Yes	Yes
2 Color Option	No	No	Yes	Yes
Product Description	A medium stile heavy duty door and door frame with hardware package for high abuse applications. Ideal for schools, universities, sports stadiums and other high traffic, high abuse areas.	500 Tuffline™ offers the same performance features as the 350 Tuffline™ except in a wide stile design.	AA™250 is a thermally broken entrance system, both door and door frame are thermally broken. The door features the dual-moment corner construction and is engineered for use with Kawneer's Trifab™ VG 451T framing system.	AA™425 offers the same performance features as the AA™250 except in a wide stile design.
Testing for Protective Glazing	—	—	Large Missile	Large Missile Blast Mitigation
Performance Class/Rating	—	—	+/- 45 PSF	+/- 50 PSF
Performance Test Standards	ASTM E283 Dual Moment Corner	Dual Moment Corner	AAMA 925 AAMA 1304 ASTM E283 ASTM E330 ASTM E331 ASTM E1886 ASTM E1996	AAMA 925 AAMA 1304 ASTM E283 ASTM E330 ASTM E331 ASTM E1886 ASTM E1996

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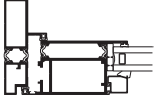
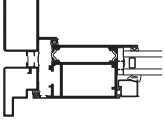


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Product	Flushline™ Entrances	260 Insulclad™ Thermal Entrances	360 Insulclad™ Thermal Entrances	560 Insulclad™ Thermal Entrances
Catalog Section	Entrances	Entrances	Entrances	Entrances
Typical Detail				
Sightline	N/A	2-11/16"	4-1/16"	5-9/16"
Depth	1-3/4"	2-1/4"	2-1/4"	2-1/4"
Applications	Moderate to High Traffic, Impact Areas	Moderate Traffic Thermal	Moderate Traffic	Moderate Traffic
Infill Options	1/4" or 1"	1"	1"	1"
Cross Rails/Muntins	No	Yes	Yes	Yes
Thermal	No	Extruded PVC / VHB Acrylic Foam Tape	Extruded PVC / VHB Acrylic Foam Tape	Extruded PVC / VHB Acrylic Foam Tape
2 Color Option	Yes	Yes	Yes	Yes
Product Description	A urethane foam-filled door with aluminum or FRP face sheet designs in various interior and exterior applications such as schools and manufacturing facilities.	260 Insulclad™ is a complete package of thermally broken door and door frame. Features dual-moment corner construction and is engineered for use with Kawneer's Trifab™ VG 451T Framing System and 1600 Wall Systems.	360 Insulclad™ offers the same performance features as the 260 Insulclad™ except in a medium stile design.	560 Insulclad™ offers the same performance features as the 260 Insulclad™ except in a wide stile design.
Testing for Protective Glazing	Small Missile Large Missile Blast Mitigation	—	—	—
Performance Class/Rating	+/- 75 PSF Max.	—	—	—
Performance Test Standards	AAMA 507 AAMA 1503 ASTM E90 ASTM E283 ASTM E330 ASTM E331 ASTM E1886 ASTM E1996 ASTM F2927 GSA T501-2003 NFRC 100/200/500 UFC 4-010-01	AAMA 507 ASTM E283 Dual Moment Corner NFRC 100/200/500	AAMA 507 ASTM E283 Dual Moment Corner NFRC 100/200/500	AAMA 507 ASTM E283 Dual Moment Corner NFRC 100/200/500

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Product	2000T Terrace Doors 4" Frame	2000T Terrace Doors 5" Frame	350/500 IR Entrances	350/500 Heavy Wall™ IR Entrances
Catalog Section	Entrances	Entrances	Entrances	Entrances
Typical Detail				
Sightline	3-3/4"	3-3/4"	3-1/2", 5"	3-1/2", 5"
Depth	2-1/4"	2-1/4"	1-3/4"	2"
Applications	Exterior Balconies	Exterior Balconies	Moderate to High Traffic	Moderate to High Traffic
Infill Options	Up to 1-1/16"	Up to 1-1/16"	9/16"	9/16", 1"
Cross Rails/Muntins	No	No	Yes	Yes
Thermal	IsoWeb™	IsoWeb™ Door Panel IsoLock™ Pour & Debridge Frame	No	No
2 Color Option	Yes	No	No	No
Product Description	A thermally broken high performance French door for use in condominiums, lofts, hotels, and apartments. Mitered corner construction with heavy duty corner clips, stainless steel locking hardware, designed to meet the code requirements of wind-borne debris protection.	A thermally broken high performance French door for use in condominiums, lofts, hotels, and apartments. Mitered corner construction with heavy duty corner clips, stainless steel locking hardware, designed to meet the code requirements of wind-borne debris protection. Integrates with MetroView™ FG 501T and MetroView™ FG 601T PG Window Walls.	The "350/500 IR" medium stile entrance offers a rugged appearance, features dual-moment corner construction, silicone sealed interior glass stop, and hardware designed to meet the code requirements of windborne debris protection.	The 350 Heavy Wall™-IR offers the same features as the 350IR, increased wall thickness provides for greater durability and strength. The 500 Heavy Wall™-IR offers the same performance features as the 350 except in a wide stile.
Testing for Protective Glazing	Small Missile Large Missile	—	Small Missile Large Missile	Small Missile Large Missile
Performance Class/Rating	Single: AW-PG90-ATD Pairs: AW-PG45/65-ATD	Single: AW-PG90-ATD Pairs: AW-PG45/65-ATD	+/- 65 PSF +/- 85 PSF	+/- 110 PSF
Performance Test Standards	AAMA 507 ASTM E90 ASTM E283 ASTM E330 ASTM E331 ASTM E547 ASTM E1886 ASTM E1996 NAFS-08 NFRC 100/200/500 TAS 201, 202, 203	AAMA 507 ASTM E90 ASTM E283 ASTM E330 ASTM E331 ASTM E547 ASTM E1886 ASTM E1996 NAFS-11 NFRC 100/200/500 TAS 201, 202, 203	ASTM E330 ASTM E1886 ASTM E1996 Dual - Moment Corner TAS 201, 202, 203	ASTM E330 ASTM E1886 ASTM E1996 Dual - Moment Corner TAS 201, 202, 203

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