

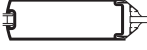




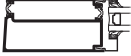


| Product | 190 Standard Entrances Narrow Stile | 350 Standard Entrances Medium Stile | 500 Standard Entrances Wide Stile | 350/500 Heavy Wall™ Entrances |
|--------------------------------|---|---|--|--|
| Catalog Section | Entrances | Entrances | Entrances | Entrances |
| Typical Detail |  |  |  |  |
| 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.



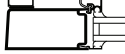
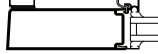
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| Product | 350 Tuffline™ Entrances | 500 Tuffline™ Entrances | AA™250 Thermal Entrances | AA™425 Thermal Entrances |
|--------------------------------|---|--|---|--|
| Catalog Section | Entrances | Entrances | Entrances | Entrances |
| Typical Detail |  |  |  |  |
| 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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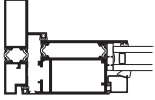


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| Product | Flushline™ Entrances | 260 Insulclad™ Thermal Entrances | 360 Insulclad™ Thermal Entrances | 560 Insulclad™ Thermal Entrances |
|--------------------------------|---|---|--|--|
| Catalog Section | Entrances | Entrances | Entrances | Entrances |
| 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 | 350/500 IR Entrances | 350/500 Heavy Wall™ IR Entrances | |
|--------------------------------|---|---|---|--|
| Catalog Section | Entrances | Entrances | Entrances | |
| Typical Detail |  |  |  | |
| Sightline | 3-3/4" | 3-1/2", 5" | 3-1/2", 5" | |
| Depth | 2-1/4" | 1-3/4" | 2" | |
| Applications | Exterior Balconies | Moderate to High Traffic | Moderate to High Traffic | |
| Infill Options | Up to 1-1/16" | 9/16" | 9/16", 1" | |
| Cross Rails/Muntins | No | Yes | Yes | |
| Thermal | IsoWeb™ | No | No | |
| 2 Color Option | Yes | 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. | 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 | +/- 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 | 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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