**Features**

- Performance class and grade:
  - Single: AW-PG90-ATD
  - Pairs: AW-PG65-ATD
- Outswing or inswing
- Door is 2-1/4" (57.2) deep
- 1" x 4" (25.4 x 101.6) mitered door frame
- 1-1/2" x 5" (38.1 x 127) door frame integrates into MetroView™ Window Walls
- Mitered door corners
- Polyamide thermal break used in door panel and 4" door frame
- Pour and debrided thermal break used in 5" door frame
- Infill options up to 1-1/16" (27)
- Three way adjustable butt hinges
- Stainless steel multipoint latch lock / deadbolt with swinghooks and shootbolts as required
- Single action unlocking for egress requirements
- Manual two step unlock function for non-egress type lock applications
- Solid brass lever handle selection in multiple finishes
- Concealed stainless steel door stop
- Assembled and shipped with door hung in frame
- Permanodic™ anodized finishes in seven choices
- Painted finishes in standard and custom choices

**Optional Features**

- Two-color finish capability
- LCN 1260 surface applied closer
- 10" (254) bottom rail
- Low profile threshold (Outswing Single and Pair)
- 2000T Terrace Door in 4" (101.6) frame has been small and large missile impact and cycle tested

**Product Applications**

- The 2000T Terrace Door is a high performance balcony door for use in condominiums, lofts, hotels, and apartments
- The 2000T Terrace Door 4" (101.6) Frame is intended to be installed in "punched" openings or as a liner frame within other Kawneer framing or curtain wall systems
- The 2000T Terrace Door 5" (127) Frame is intended to be installed in MetroView FG 501T, FG 601T PG Window Wall or as a liner frame within other Kawneer framing or curtain wall systems
- When sidelites and/or transoms are required the 2000T door frame is installed as a liner frame within other Kawneer framing or curtain wall systems

For specific product applications, consult your Kawneer representative.
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.

Metric (SI) conversion figures are included throughout these details for reference. Numbers in parentheses (      ) are millimeters unless otherwise noted.

The following metric (SI) units are found in these details:

- m – meter
- cm – centimeter
- mm – millimeter
- s – second
- Pa – pascal
- MPa – megapascal
2000T Terrace Doors

4" (101.6) FRAME - OUTSWING DOOR DETAILS

Additional information and CAD details are available at www.kawneer.com

Single Door
Maximum Frame Size = 48" x 120"
(1,219.2 x 3,048)
Minimum Frame Size = 30" x 73"
(762 x 1,854.2)

Pair of Doors
Maximum Frame Size = 96" x 96"
(2,438.4 x 2,438.4)
Minimum Frame Size = 60" x 81"
(1,524 x 2,057.4)

OUTSWING DOORS & FRAME

3. PIVOT JAMB
AT DEADBOLT/LATCHLOCK

4. LOCK JAMB

2A. OPTIONAL LOW PROFILE
THRESHOLD

© 2017, Kawneer Company, Inc.
Additional information and CAD details are available at www.kawneer.com

**Single Door**

Maximum Frame Size = 48" x 120"  
(1,219.2 x 3,048)

Minimum Frame Size = 30" x 73"  
(762 x 1,854.2)

**Pair of Doors**

Maximum Frame Size = 96" x 96"  
(2,438.4 x 2,438.4)

Minimum Frame Size = 60" x 81"  
(1,524 x 2,057.4)

**2 THRESHOLD**

**3 PIVOT JAMB**

**4 LOCK JAMB AT DEADBOLT/LATCHLOCK**

Kawneer reserves the right to change configuration without prior notice when deemed necessary for product improvement.
Additional information and CAD details are available at www.kawneer.com

**Single Door**
- Maximum Frame Size: 48" x 120" (1,219.2 x 3,048)
- Minimum Frame Size: 30" x 73" (762 x 1,854.2)

**Pair of Doors**
- Maximum Frame Size: 96" x 96" (2,438.4 x 2,438.4)
- Minimum Frame Size: 60" x 81" (1,524 x 2,057.4)

---

2000T Terrace Doors
5" (127) FRAME - OUTSWING DOOR DETAILS

Additional information and CAD details are available at www.kawneer.com
Single Door
Maximum Frame Size = 48" x 120"
(1,219.2 x 3,048)
Minimum Frame Size = 30" x 73"
(762 x 1,854.2)

Pair of Doors
Maximum Frame Size = 96" x 96"
(2,438.4 x 2,438.4)
Minimum Frame Size = 60" x 81"
(1,524 x 2,057.4)

Additional information and CAD details are available at www.kawneer.com
Additional information and CAD details are available at www.kawneer.com

Note: For pairs reference detail 5 Meeting Stile on page 5.

Single Door
Maximum Frame Size = 48” x 120” (1219.2 x 3048)
Minimum Frame Size = 30” x 73” (762 x 1854.2)

Pair of Doors
Maximum Frame Size = 96” x 96” (2438.4 x 2438.4)
Minimum Frame Size = 60” x 81” (1524 x 2057.4)

2A
OPTIONAL LOW PROFILE THRESHOLD

OUTSWING DOORS & FRAME

3
PIVOT JAMB

4
LOCK JAMB
AT DEADBOLT/LATCHLOCK
Note: For pairs reference detail 5 Meeting Stile on page 5.

Single Door
Maximum Frame Size = 48" x 120"
(1219.2 x 3048)  
Minimum Frame Size = 30" x 73"
(762 x 1854.2)

Pair of Doors
Maximum Frame Size = 96" x 96"
(2438.4 x 2438.4)  
Minimum Frame Size = 60" x 81"
(1524 x 2057.4)
Additional information and CAD details are available at www.kawneer.com

Note: For pairs reference detail 5 Meeting Stile on page 6.
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**Single Door**
- Maximum Frame Size = 48" x 120" (1219.2 x 3048)
- Minimum Frame Size = 30" x 73" (762 x 1854.2)

**Pair of Doors**
- Maximum Frame Size = 96" x 96" (2438.4 x 2438.4)
- Minimum Frame Size = 60" x 81" (1524 x 2057.4)

---

**INSWING DOORS & FRAME**

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**FRAME HEIGHT**

---

**DLO**

---

**HEAD**

---

**Pivot Jamb**

---

**Lock Jamb**

---

**Threshold**

---

**Frame Width**

---

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Kawneer reserves the right to change configuration without prior notice when deemed necessary for product improvement.
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Minimum Frame Size = 60" x 81"  
(1524 x 2057.4)

OUTSWING DOORS & FRAME

2A
OPTIONAL
LOW PROFILE
THRESHOLD

STRUCTURAL SILICONE SEALANT  (BY OTHERS)*

FRAME WIDTH

DLO 2-9/32" (57.9) 1-1/2" (38.1) 1/16" (1.6) 4-3/32" (10.3) 5/8" (16)

FRAME HEIGHT

DLO 2-9/32" (57.9) 1-1/2" (38.1) 1/16" (1.6) 4-3/32" (10.3) 5/8" (16)

HEAD

THRESHOLD

PIVOT JAMB

LOCK JAMB

AT DEADBOLT/LATCHLOCK

* Installer Note: Installer is responsible for all required compatibility review and approvals with the Structural Silicone Manufacturer and the Insulated Glass Unit Manufacturer.
2000T Terrace Doors

5" (127) FRAME - OUTSWING DOOR DETAILS
-MetroView™ FG 601T PG Window Wall

Additional information and CAD details are available at www.kawneer.com

Note: For pairs reference detail 5 Meeting Stile on page 5.

Single Door
Maximum Frame Size = 48" x 120"
(1219.2 x 3048)
Minimum Frame Size = 30" x 73"
(762 x 1854.2)

Pair of Doors
Maximum Frame Size = 96" x 96"
(2438.4 x 2438.4)
Minimum Frame Size = 60" x 81"
(1524 x 2057.4)

OUTSWING DOORS & FRAME

2A
OPTIONAL
LOW PROFILE
THRESHOLD

3
PIVOT JAMB

4
LOCK JAMB
AT DEADBOLT/LATCHLOCK

* Installer Note: Installer is responsible for all required compatibility review and approvals with the Structural Silicone Manufacturer and the Insulated Glass Unit Manufacturer.

Structural Silicone Sealant (BY OTHERS)*

Kawneer reserves the right to change configuration without prior notice when deemed necessary for product improvement.

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kawneer.com
**Note:** For pairs reference detail 5 Meeting Stile on page 6.
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Single Door
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* Installer Note: Installer is responsible for all required compatibility review and approvals with the Structural Silicone Manufacturer and the Insulated Glass Unit Manufacturer.
Additional information and CAD details are available at www.kawneer.com
Additional information and CAD details are available at www.kawneer.com

1/4" (6.4) and 1" (25.4) infills shown, other infills available.

*INSTALLER NOTE: Installer is responsible for all required compatibility review and approvals with the Structural Silicone Manufacturer and the Insulated Glass Unit Manufacturers.*
2000T Terrace Doors

OPTIONAL BOTTOM RAIL

Additional information and CAD details are available at www.kawneer.com
MULTIPOINT LOCK - HLS® 7 SERIES (Hoppe)

7 SERIES TRIM SETS

Contemporary Rodos style solid brass lever handle and escutcheon plate. Available in three finishes Polished Brass, Brushed Chrome and Rustic Umber. Includes keyed cylinder and thumbturn.

CONSTRUCTION HANDLE AND 7 SERIES BACK PLATE

Trim sets are shipped loose to avoid damage during construction. The construction handle and construction plate allow temporary operation of the locking hardware.

7 SERIES LATCHLOCK/DEADBOLT GEARBOX

Egress style of lock function. Stainless steel gearbox provides both a latchlock for normal use and deadbolt for additional security. Lock strike plates are stainless steel and adjustable. Each includes an injection molded plastic dust box. Simultaneous retraction feature enables all locking points to be retracted by pushing down on the handle.

SWINGHOOK

Swinghooks provide additional locking points along the vertical edge of the door leaf. Lockstrikes are stainless steel and adjustable. Each includes an injection molded plastic dust box.

SHOOT BOLT AND SLEEVE

Top and bottom stainless steel shoot bolts secure the active and inactive leaf of pairs to the top frame member and threshold.
MULTIPOINT LOCK - HLS® 9000 SERIES (Hoppe)

9000 SERIES TRIM SETS

Contemporary Rodos style solid brass lever handle and escutcheon plate. Available in three finishes Polished Brass, Brushed Chrome and Rustic Umber. Includes keyed cylinder and thumbturn.

9000 SERIES LATCHLOCK/DEADBOLT GEARBOX

Two step lock function. Stainless steel gearbox provides both a latchlock for normal use and deadbolt for additional security. Lock strike plates are stainless steel and adjustable. Each includes an injection molded plastic dust box.

SWINGHOOK

Swinghooks provide additional locking points along the vertical edge of the door leaf. Lockstrikes are stainless steel and adjustable. Each includes an injection molded plastic dust box.

SHOOT BOLT AND SLEEVE

Top and bottom stainless steel shoot bolts secure the active and inactive leaf of pairs to the top frame member and threshold.
ADJUSTABLE BUTT HINGE

Aluminum 3-way adjustable hinges improve alignment between door leaf and frame. Hinges adjust in and out, up and down and left to right without removing the door leaf. Available in clear and dark bronze anodized finishes or painted to match door leaf.

SURFACE APPLIED CLOSER

Door and frame will accommodate LCN 1260 surface mounted closer and drop plate.
Note: Closer is mounted on exterior side of frame with inswing door.

DOOR STOP

Stainless steel door stop assemblies are concealed in the top rail of the door leaf.
WIND LOAD LIMITATIONS

Charted wind load curves are based on allowable stress for aluminum of 15,152 PSI and a L/175 deflection ratio and, in all cases represent the limiting values. Dimensional limits at the stated wind loads are for door frame members anchored at the ends. Wind load charts contained herein are based upon nominal wind load utilized in allowable stress design. To convert ultimate wind loads to nominal loads, multiply ultimate wind loads by a factor of 0.6 per ASCE/SEI 7.

**SMALL ASTRAGAL**

<table>
<thead>
<tr>
<th>GLASS CENTERS IN METERS</th>
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**MEDIUM ASTRAGAL**

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**LARGE ASTRAGAL**

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<th>GLASS CENTERS IN METERS</th>
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Generic Project Specific U-factor Example Calculation
(Percent of Glass will vary on specific products depending on sitelines)

Example Glass U-Factor = 0.28 Btu/hr • ft² • °F
Total Daylight Opening = 30.125" x 75.75" = 15.85 ft²
Total Projected Area = 3'-4" x 7'-2" = 23.9 ft²
Percent of Glass = (Total Daylight Opening ÷ Total Projected Area)100
= (15.85 ÷ 23.9)100 = 66%

System U-factor vs Percent of Glass Area

Based on 66% glass and center of glass (COG) U-factor of 0.28
System U-factor is equal to 0.49 Btu/hr • ft² • °F
2000T TERRACE DOOR - SINGLE LEAF

Note:
Values in parentheses are metric.
COG = Center of Glass.
Charts are generated per AAMA 507

System U-factor vs Percent of Glass Area

Percent of Glass Area = Vision Area/Total Area
Daylight Opening / Projected Area

Notes for System U-factor, SHGC and VT charts:
For glass values that are not listed, linear interpolation is permitted.
Glass properties are based on center of glass values and are obtained from your glass supplier.
2000T TERRACE DOOR - SINGLE LEAF

System Solar Heat Gain Coefficient (SHGC) vs Percent of Vision Area

System Visible Transmittance (VT) vs Percent of Vision Area
## 2000T TERRACE DOOR

### SINGLE LEAF

**Thermal Transmittance**

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<thead>
<tr>
<th>Glass U-Factor</th>
<th>Overall U-Factor</th>
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**SHGC Matrix**

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**Visible Transmittance**

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**NOTE:** For glass values that are not listed, linear interpolation is permitted.

1. U-Factors are determined in accordance with NFRC 100.
2. SHGC and VT values are determined in accordance with NFRC 200.
3. Glass properties are based on center of glass values and are obtained from your glass supplier.
4. Overall U-Factor, SHGC, and VT Matrices are based on the standard NFRC specimen size of 1,000 mm wide by 2,000 mm high (39-3/8" by 78-3/4").