EXODUS® SINGLE | EGRESS GATES
FLANGE, PLATED, & DIRECT BURY INSTALLATION OPTIONS

EXODUS® SINGLE EGRESS GATES REQUIRE NO ASSEMBLY

Refer to construction specification & tables within this section for recommended post spacing

Effective: 06/15/21

TO PLACE YOUR ORDER CALL 888-333-3422 | VISIT AMERISTARFENCE.COM | 12.1
EXODUS® SINGLE EGRESS GATES

MEETS IBC GROUP I-2 EGRESS REQUIREMENTS
REMOVABLE THRESHOLD
PRE-HUNG GATE ASSEMBLY

**SECURE SIDE**

LEFT HAND OUTSWING

THREAT SIDE

RIGHT HAND OUTSWING

**INFILL ONLY**

<table>
<thead>
<tr>
<th>INFILL</th>
<th>ITEM NUMBER</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Perforated Metal</td>
<td>PHPM@080F-42AC</td>
<td>422 lbs</td>
</tr>
<tr>
<td>X-Span Modified</td>
<td>MPHMLM@080F-42AC</td>
<td>422 lbs</td>
</tr>
</tbody>
</table>

**INFILL & 1" PICKET**

<table>
<thead>
<tr>
<th>INFILL</th>
<th>ITEM NUMBER</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Expanded Metal</td>
<td>2HPHEM@080F-42AC</td>
<td>480 lbs</td>
</tr>
<tr>
<td>Perforated Metal</td>
<td>2HPHPM@080F-42AC</td>
<td>475 lbs</td>
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</tbody>
</table>

**INFILL & IMPASSE II PALE**

<table>
<thead>
<tr>
<th>SWING</th>
<th>PALE SPACING</th>
<th>ITEM NUMBER</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Perforated Metal Standard Spacing</td>
<td>3PHM@080F-42AC</td>
<td>482 lbs</td>
<td></td>
</tr>
<tr>
<td>Perforated Metal Anti-Scale Spacing</td>
<td>3PHPM@080F-42ACAC</td>
<td>491 lbs</td>
<td></td>
</tr>
<tr>
<td>Expanded Metal Standard Spacing</td>
<td>3PHEM@080F-42AC</td>
<td>486 lbs</td>
<td></td>
</tr>
<tr>
<td>Expanded Metal Anti-Scale Spacing</td>
<td>3PHEM@080F-42ACAC</td>
<td>495 lbs</td>
<td></td>
</tr>
</tbody>
</table>

**NOTE:** HEADER OPTIONS AVAILABLE (SEE FOLLOWING SECTION).
METAL MESH FOR ADJACENT FENCE PANELS TO PREVENT REACH THROUGH, NOT INCLUDED.

**EXPANDED METAL ONLY**

**X-SPAN MODIFIED ONLY**

**EXPANDED METAL W/ 1" PICKET**

**PERFORATED METAL W/ 1" PICKET**

**EXPANDED METAL W/ PALE**

**PERFORATED METAL W/ PALE**

**EXPANDED METAL W/ A-S PALE**

**PERFORATED METAL W/ A-S PALE**

---

See "Hardware Options" page for more details.

- **Color Options**: B = Black, N = Bronze, S = Sand
- **Swing Direction**: L = Lefthand Swing, R = Righthand Swing
- **Hardware Set**: 1 = Set 1, 2 = Set 2, 3 = Set 3, 4 = Set 4, 4C = Set 4C
- **4CEL**: Set 4CEL, 4EL = Set 4EL, 5 = Set 5, 5C = Set 5C, 6 = Set 6
- **6C**: Set 6C, 7 = Set 7, 7V = Set 7V, 8 = Set 8, 9 = Set 9, 10 = Set 10
- **11** = Set 11, **12** = Set 12

Effective: 06/15/21

**TO PLACE YOUR ORDER CALL 888-333-3422 | VISIT AMERISTARFENCE.COM**
EXODUS® SINGLE EGRESS GATES | SURFACE PLATE MOUNT INSTALLATION

MEETS IBC GROUP 1-2 EGRESS REQUIREMENTS | REMOVABLE THRESHOLD | PRE-HUNG GATE ASSEMBLY

**INFILL ONLY**

<table>
<thead>
<tr>
<th>INFILL</th>
<th>ITEM NUMBER</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Perforated Metal</td>
<td>PHPM@080P-42</td>
<td>439 lbs</td>
</tr>
<tr>
<td>X-Span Modified</td>
<td>MPHMLM@080P-42</td>
<td>439 lbs</td>
</tr>
</tbody>
</table>

**INFILL & 1" PICKET**

<table>
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<tr>
<th>INFILL</th>
<th>ITEM NUMBER</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Expanded Metal</td>
<td>2HPHEM@080P-42</td>
<td>432 lbs</td>
</tr>
<tr>
<td>Perforated Metal</td>
<td>2HPHPM@080P-42</td>
<td>429 lbs</td>
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</tbody>
</table>

**INFILL & IMPASSE II PALE**

<table>
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<th>PALE SPACING</th>
<th>ITEM NUMBER</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Perforated</td>
<td>Standard</td>
<td>3PHPM@080P-42</td>
<td>435 lbs</td>
</tr>
<tr>
<td>Perforated</td>
<td>Anti-Scale</td>
<td>3PHPM@080P-42@AC</td>
<td>445 lbs</td>
</tr>
<tr>
<td>Expanded</td>
<td>Standard</td>
<td>3PHEM@080P-42</td>
<td>447 lbs</td>
</tr>
<tr>
<td>Expanded</td>
<td>Anti-Scale</td>
<td>3PHEM@080P-42@AC</td>
<td>448 lbs</td>
</tr>
</tbody>
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**NOTE:** NOT RECOMMENDED FOR USE WITH IMPASSE I-BEAM POSTS, RECOMMEND FLANGED INSTALLATION METHOD FOR USE WITH IMPASSE I-BEAM POST SYSTEMS.

See “HARDWARE OPTIONS” page for more details.

SEE “HARDWARE OPTIONS” PAGE FOR MORE DETAILS

- **Color Options**
  - B = Black
  - N = Bronze
  - S = Sand
  - 142 = Grey

- **Swing Direction**
  - L = Lefthand Swing
  - R = Righthand Swing

- **Hardware Set**
  - 1 = Set 1
  - 2 = Set 2
  - 3 = Set 3
  - 4 = Set 4
  - 4C = Set 4C
  - 4CEL = Set 4CEL
  - 4EL = Set 4EL
  - 5 = Set 5
  - 5C = Set 5C
  - 6 = Set 6
  - 6C = Set 6C
  - 7 = Set 7
  - 7V = Set 7V
  - 8 = Set 8
  - 9 = Set 9
  - 10 = Set 10
  - 11 = Set 11
  - 12 = Set 12

**SECURE SIDE**

- LEFT HAND OUTSWING
- PERFORATED METAL ONLY
- X-SPAN MODIFIED ONLY
- EXPANDED METAL W/ 1" PICKET

**THREAT SIDE**

- RIGHT HAND OUTSWING
- PERFORATED METAL W/ 1" PICKET
- EXPANDED METAL W/ PALE
- PERFORATED METAL W/ PALE
- EXPANDED METAL W/ A-S PALE
- PERFORATED METAL W/ A-S PALE

**NOTE:** HEADER OPTIONS AVAILABLE (SEE FOLLOWING SECTION). METAL MESH FOR ADJACENT FENCE PANELS TO PREVENT REACH THROUGH, NOT INCLUDED.
**EXODUS® SINGLE EGRESS GATES | DIRECT BURY INSTALLATION**

MEETS IBC GROUP I-2 EGRESS REQUIREMENTS | REMOVABLE THRESHOLD | PRE-HUNG GATE ASSEMBLY

**INFIILL ONLY**

<table>
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<tr>
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<th>ITEM NUMBER</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Perforated Metal</td>
<td>PHPM080B-42BC</td>
<td>383 lbs</td>
</tr>
<tr>
<td>X-Span Modified</td>
<td>MPHLM080B-42BC</td>
<td>383 lbs</td>
</tr>
</tbody>
</table>

**INFILL & 1” PICKET**

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<th>ITEM NUMBER</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Expanded Metal</td>
<td>2HPHEM080B-42BC</td>
<td>439 lbs</td>
</tr>
<tr>
<td>Perforated Metal</td>
<td>2HPHPM080B-42BC</td>
<td>436 lbs</td>
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</tbody>
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**INFIILL & IMPASSE II PALE**

<table>
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<th>PALE SPACING</th>
<th>ITEM NUMBER</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Perforated</td>
<td>Standard Spacing</td>
<td>3HPMP080B-42BC</td>
<td>443 lbs</td>
</tr>
<tr>
<td>Perforated</td>
<td>Anti-Scale Spacing</td>
<td>3HPMP080B-42BCAC</td>
<td>452 lbs</td>
</tr>
<tr>
<td>Expanded</td>
<td>Standard Spacing</td>
<td>3PHEM080B-42BC</td>
<td>447 lbs</td>
</tr>
<tr>
<td>Expanded</td>
<td>Anti-Scale Spacing</td>
<td>3PHEM080B-42BCAC</td>
<td>456 lbs</td>
</tr>
</tbody>
</table>

**NOTE:** NOT RECOMMENDED FOR USE WITH IMPASSE I-BEAM POSTS. RECOMMEND FLANGED INSTALLATION METHOD FOR USE WITH IMPASSE I-BEAM POST SYSTEMS.

SEE “HARDWARE OPTIONS” PAGE FOR MORE DETAILS

- **C** = Color Options | **B** = Black | **N** = Bronze | **S** = Sand | **142** = Grey
- **L** = Swing Direction | **L** = Lefthand Swing | **R** = Righthand Swing
- **H** = Hardware Set | **1** = Set 1 | **2** = Set 2 | **3** = Set 3 | **4** = Set 4 | **4C** = Set 4C
- **5** = Set 5 | **6** = Set 6 | **7** = Set 7 | **8** = Set 8 | **9** = Set 9 | **10** = Set 10 | **11** = Set 11 | **12** = Set 12

**NOTE:** HEADER OPTIONS AVAILABLE (SEE FOLLOWING SECTION). METAL MESH FOR ADJACENT FENCE PANELS TO PREVENT REACH THROUGH, NOT INCLUDED.
## MATRIX EXODUS® EGRESS GATES | FLANGE MOUNT INSTALLATION

**Pre-Hung Gate Assembly** | **Removable Threshold** | **Infill Options**

---

### SECURE SIDE

- **Left Hand Outswing**
- **Right Hand Outswing**

### THREAT SIDE

- **X-Span Modified Only**
- **X-Span #9**
- **X-Screen**
- **WireWorks Anti-Climb**

---

#### ITEM NUMBER | HEIGHT | WEIGHT
---

**Matrix X-Span Modified Infill | Right Hand Swing**

- MPHMLM@080F-42RØ 8'-8" & 12'-9" 480 lbs
- MPHMLM@080F1-42RØ 10'-8", 15'-9" & 20'-10" 480 lbs

**Matrix X-Span Modified Infill | Left Hand Swing**

- MPHMLM@080F-42LØ 8'-8" & 12'-9" 480 lbs
- MPHMLM@080F1-42LØ 10'-8", 15'-9" & 20'-10" 480 lbs

**Matrix X-Span #9 Infill | Right Hand Swing**

- MPHEM@080F-42RØ 8'-8" & 12'-9" 475 lbs
- MPHEM@080F1-42RØ 10'-8", 15'-9" & 20'-10" 475 lbs

**Matrix X-Span #9 Infill | Left Hand Swing**

- MPHEM@080F-42LØ 8'-8" & 12'-9" 475 lbs
- MPHEM@080F1-42LØ 10'-8", 15'-9" & 20'-10" 475 lbs

**Matrix X-Screen Infill | Right Hand Swing**

- MPHLM@080F-42RØ 8'-8" & 12'-9" 486 lbs
- MPHLM@080F1-42RØ 10'-8", 15'-9" & 20'-10" 486 lbs

**Matrix X-Screen Infill | Left Hand Swing**

- MPHLM@080F-42LØ 8'-8" & 12'-9" 486 lbs
- MPHLM@080F1-42LØ 10'-8", 15'-9" & 20'-10" 486 lbs

**Matrix WireWorks Anti-Climb Infill | Right Hand Swing**

- MPHAC@080F-42RØ 8'-8" & 12'-9" 482 / 484* lbs
- MPHAC@080F1-42RØ 10'-8", 15'-9" & 20'-10" 482 / 484* lbs

**Matrix WireWorks Anti-Climb Infill | Left Hand Swing**

- MPHAC@080F-42LØ 8'-8" & 12'-9" 482 / 484* lbs
- MPHAC@080F1-42LØ 10'-8", 15'-9" & 20'-10" 482 / 484* lbs

---

*NOTE: HEADER OPTIONS AVAILABLE (SEE FOLLOWING SECTION). METAL MESH FOR ADJACENT FENCE PANELS TO PREVENT REACH THROUGH, NOT INCLUDED.*

---

To place your order call 888-333-3422 | Visit AmeristarFence.com | Effective: 06/15/21
### MATRIX ALPHA EXODUS® EGRESS GATES | FLANGE MOUNT INSTALLATION

**PRE-HUNG GATE ASSEMBLY | REMOVABLE THRESHOLD | INFILL OPTIONS**

#### ITEM NUMBER | WEIGHT
--- | ---
Matrix Alpha X-Span Modified Infill | Right Hand Swing
MAPHLM142080F-42R | 480 lbs

Matrix Alpha X-Span Modified Infill | Left Hand Swing
MAPHLM142080F-42L | 480 lbs

Matrix Alpha X-Span Ultra Infill | Right Hand Swing
MAPH13U142080F-42R | 489 lbs

Matrix Alpha X-Span Ultra Infill | Left Hand Swing
MAPH13U142080F-42L | 489 lbs

Matrix Alpha X-Span #9 Infill | Right Hand Swing
MAPHEM142080F-42R | 475 lbs

Matrix Alpha X-Span #9 Infill | Left Hand Swing
MAPHEM142080F-42L | 475 lbs

Matrix Alpha X-Screen Infill | Right Hand Swing
MAPHLM142080F-42R | 486 lbs

Matrix Alpha X-Screen Infill | Left Hand Swing
MAPHLM142080F-42L | 486 lbs

Matrix Alpha WireWorks Anti-Climb Infill | Right Hand Swing
MAPHAC142080F-42R | 482 / 484* lbs

Matrix Alpha WireWorks Anti-Climb Infill | Left Hand Swing
MAPHAC142080F-42L | 482 / 484* lbs

---

**NOTE:** Metal mesh for adjacent fence panels to prevent reach through, not included.

---

**EXODUS® | EGRESS GATE SYSTEMS**

**Effective: 06/15/21**

**TO PLACE YOUR ORDER CALL 888-333-3422 | VISIT AMERISTARFENCE.COM**
**EXODUS® DOUBLE | EGRESS GATES**

**FLANGE INSTALLATION**

NOTE: ABOVE DRAWING DEPICTS AN EXODUS EGRESS GATE / PART # PHPMB080F-8403

- **A** 3" JAMB FRAME
- **B** GATE INFILL
- **C** PREINSTALLED HARDWARE SET
- **D** 1.75" REINFORCED GATE
- **E** REMOVABLE MULLION

**EXODUS EGRESS GATES REQUIRE NO ASSEMBLY**

Refer to construction specification & tables within this section for recommended post spacing

**PATENT PENDING**
**EXODUS® DOUBLE EGRESS GATES | FLANGE MOUNT INSTALLATION**

MEETS IBC GROUP 1-2 EGRESS REQUIREMENTS | REMOVABLE THRESHOLD | PRE-HUNG GATE ASSEMBLY

SEE PAGE 3 FOR INFILL OPTIONS

---

**INFILL ONLY**

<table>
<thead>
<tr>
<th>INFILL</th>
<th>ITEM NUMBER</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Perforated Metal</td>
<td>PHPM@080F-84D☐</td>
<td>645 lbs</td>
</tr>
<tr>
<td>X-Span Modified</td>
<td>MPHMLM@080F-84D☐</td>
<td>645 lbs</td>
</tr>
</tbody>
</table>

NOTE: FOR LTL SHIPMENTS ADD -LTL TO PART NUMBER. PRICE INCLUDES PACKAGING AND SHIPPING (EXAMPLE: PHPM@080F-84D☐-LTL)

**INFILL WITH 1" PICKET**

<table>
<thead>
<tr>
<th>INFILL</th>
<th>ITEM NUMBER</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Expanded Metal</td>
<td>2HPHEM@080F-84D☐</td>
<td></td>
</tr>
<tr>
<td>Perforated Metal</td>
<td>2HPHPM@080F-84D☐</td>
<td></td>
</tr>
</tbody>
</table>

**INFILL WITH IMPASSE II PALE**

<table>
<thead>
<tr>
<th>INFILL</th>
<th>PALE SPACING</th>
<th>ITEM NUMBER</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Expanded Metal</td>
<td>Standard</td>
<td>3PHM@080F-84D☐</td>
<td>785 lbs</td>
</tr>
<tr>
<td>Expanded Metal</td>
<td>Anti-Scale</td>
<td>3PHEM@080F-84D☐AC</td>
<td>803 lbs</td>
</tr>
<tr>
<td>Perforated Metal</td>
<td>Standard</td>
<td>3PHPM@080F-84D☐</td>
<td>772 lbs</td>
</tr>
<tr>
<td>Perforated Metal</td>
<td>Anti-Scale</td>
<td>3PHPHM@080F-84D☐AC</td>
<td>783 lbs</td>
</tr>
</tbody>
</table>

SEE "HARDWARE OPTIONS" PAGE FOR MORE DETAILS

- ☜ = Color Options  B = Black  N = Bronze  S = Sand  ☞ ☞ = Grey
- ☑ = Hardware Set  1 = Set 1  2 = Set 2  3 = Set 3  4 = Set 4  4C = Set 4C
- 4EL = Set 4EL  4EL = Set 4EL  5 = Set 5  5C = Set 5C  6 = Set 6
- 6C = Set 6C  7 = Set 7  7V = Set 7V  8 = Set 8  8E = Set 8E  9 = Set 9  10 = Set 10
- 11 = Set 11  12 = Set 12

NOTE: FOR LTL SHIPMENTS ADD -LTL TO PART NUMBER. PRICE INCLUDES PACKAGING AND SHIPPING (EXAMPLE: PHPM@080F-84D☐-LTL)

METAL MESH FOR ADJACENT FENCE PANELS TO PREVENT REACH THROUGH, NOT INCLUDED.

---

**INFILL WITH IMPASSE II PALE**

<table>
<thead>
<tr>
<th>INFILL</th>
<th>ITEM NUMBER</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Expanded Metal</td>
<td>2HPHEM@080F-84D☐</td>
<td>765 lbs</td>
</tr>
<tr>
<td>Perforated Metal</td>
<td>2HPHPM@080F-84D☐</td>
<td>751 lbs</td>
</tr>
</tbody>
</table>

**INFILL WITH IMPASSE II PALE**

<table>
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<th>PALE SPACING</th>
<th>ITEM NUMBER</th>
<th>WEIGHT</th>
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<tbody>
<tr>
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<td>Standard</td>
<td>3PHM@080F-84D☐</td>
<td>785 lbs</td>
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<td>Standard</td>
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<td>772 lbs</td>
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<td>Anti-Scale</td>
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METAL MESH FOR ADJACENT FENCE PANELS TO PREVENT REACH THROUGH, NOT INCLUDED.

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<td>751 lbs</td>
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<td>Standard</td>
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<tr>
<td>Perforated Metal</td>
<td>Anti-Scale</td>
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<td>783 lbs</td>
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NOTE: FOR LTL SHIPMENTS ADD -LTL TO PART NUMBER. PRICE INCLUDES PACKAGING AND SHIPPING (EXAMPLE: PHPM@080F-84D☐-LTL)

METAL MESH FOR ADJACENT FENCE PANELS TO PREVENT REACH THROUGH, NOT INCLUDED.

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</tbody>
</table>

SEE "HARDWARE OPTIONS" PAGE FOR MORE DETAILS

- ☜ = Color Options  B = Black  N = Bronze  S = Sand  ☞ ☞ = Grey
- ☑ = Hardware Set  1 = Set 1  2 = Set 2  3 = Set 3  4 = Set 4  4C = Set 4C
- 4EL = Set 4EL  4EL = Set 4EL  5 = Set 5  5C = Set 5C  6 = Set 6
- 6C = Set 6C  7 = Set 7  7V = Set 7V  8 = Set 8  8E = Set 8E  9 = Set 9  10 = Set 10
- 11 = Set 11  12 = Set 12

NOTE: FOR LTL SHIPMENTS ADD -LTL TO PART NUMBER. PRICE INCLUDES PACKAGING AND SHIPPING (EXAMPLE: PHPM@080F-84D☐-LTL)

METAL MESH FOR ADJACENT FENCE PANELS TO PREVENT REACH THROUGH, NOT INCLUDED.
**EXODUS® EGRESS GATES | HARDWARE OPTIONS**

**HARDWARE SET 1**
- DETEX V40 EXIT DEVICE WITH MICRO SWITCH
- SECURITECH ELECTRIFIED TRIM HANDLE
- NORTON 7500 PARALLEL ARM CLOSER

**HARDWARE SET 2**
- DETEX V40 EXIT DEVICE WITH MICRO SWITCH
- DETEX NARROW STYLE TRIM HANDLE
- NORTON 7500 PARALLEL ARM CLOSER

**HARDWARE SET 3**
- DETEX V40 EXIT DEVICE WITH MICRO SWITCH
- ROCKWOOD VRT16 PULL HANDLE
- NORTON 7500 PARALLEL ARM CLOSER

**HARDWARE SET 4**
- VON DUPRIN 99 SERIES EXIT DEVICE
- ROCKWOOD VRT16 PULL HANDLE
- LCN 4040XPSRI PARALLEL ARM CLOSER

**HARDWARE SET 4C**
- CBC VON DUPRIN 99 SERIES EXIT DEVICE
- ROCKWOOD VRT16 PULL HANDLE
- LCN 4040XPSRI PARALLEL ARM CLOSER

---

**INDICATE HARDWARE SET BY REPLACING THE ☐ WITHIN THE CATALOG PART NUMBER.**

- ☐ = Hardware Set
- 1 = Set 1
- 2 = Set 2
- 3 = Set 3
- 4 = Set 4
- 4C = Set 4C
- 4CEL = Set 4CEL
- 5 = Set 5
- 5C = Set 5C
- 6 = Set 6
- 6C = Set 6
- 7 = Set 7
- 7V = Set 7
- 8 = Set 8
- 9 = Set 9
- 10 = Set 10
- 11 = Set 11
- 12 = Set 12

---

*Note: Includes cylinder housing w/ standard lock. Cylinder housing is replaceable.*

*Note: Includes small format cylinder housing w/ disposable construction key. Small format lock core supplied by customer. Cylinder housing is replaceable.*

*Note: Includes small format cylinder housing w/ disposable construction key. Small format lock core supplied by customer. Cylinder housing is replaceable.*

*Note: Includes small format cylinder housing w/ disposable construction key. Small format lock core supplied by customer. Cylinder housing is replaceable.*

*Note: Includes small format cylinder housing w/ disposable construction key. Small format lock core supplied by customer. Cylinder housing is replaceable.* MEETS CALIFORNIA BUILDING CODES (CBC)
EXODUS® EGRESS GATES | HARDWARE OPTIONS

OPTIONAL HARDWARE SET | FOR FLANGE MOUNT GATES

**HARDWARE SET 4CEL**
- CBC VON DUPRIN 99 SERIES EXIT DEVICE
- ROCKWOOD VRT16 PULL HANDLE
- LCN 4040XP5RI PARALLEL ARM CLOSER
- QUIET ELECTRIC LATCH RETRACTION

Note: Includes small format cylinder housing w/ disposable construction key. Small format lock core supplied by customer. Cylinder housing is replaceable. MEETS CALIFORNIA BUILDING CODES (CBC). RATED: 24 VDC 1 AMP

**HARDWARE SET 5**
- VON DUPRIN 99 SERIES EXIT DEVICE
- VON DUPRIN 996 TRIM HANDLE
- LCN 4040XP5RI PARALLEL ARM CLOSER

Note: Includes small format cylinder housing w/ disposable construction key. Small format lock core supplied by customer. Cylinder housing is replaceable.

**HARDWARE SET 6**
- VON DUPRIN 99 SERIES EXIT DEVICE
- VON DUPRIN 996 ELECTRIFIED TRIM HANDLE
- LCN 4040XP5RI PARALLEL ARM CLOSER

Note: Includes small format cylinder housing w/ disposable construction key. Small format lock core supplied by customer. Cylinder housing is replaceable.

**HARDWARE SET 4EL**
- VON DUPRIN 99 SERIES EXIT DEVICE
- ROCKWOOD VRT16 PULL HANDLE
- LCN 4040XP5RI PARALLEL ARM CLOSER
- QUIET ELECTRIC LATCH RETRACTION

Note: Includes small format cylinder housing w/ disposable construction key. Small format lock core supplied by customer. Cylinder housing is replaceable. MEETS CALIFORNIA BUILDING CODES (CBC).

**HARDWARE SET 5C**
- CBC VON DUPRIN 99 SERIES EXIT DEVICE
- VON DUPRIN 996 TRIM HANDLE
- LCN 4040XP5RI PARALLEL ARM CLOSER

Note: Includes small format cylinder housing w/ disposable construction key. Small format lock core supplied by customer. Cylinder housing is replaceable. MEETS CALIFORNIA BUILDING CODES (CBC).

**HARDWARE SET 4CEL**
- CBC VON DUPRIN 99 SERIES EXIT DEVICE
- ROCKWOOD VRT16 PULL HANDLE
- LCN 4040XP5RI PARALLEL ARM CLOSER
- QUIET ELECTRIC LATCH RETRACTION

Note: Includes small format cylinder housing w/ disposable construction key. Small format lock core supplied by customer. Cylinder housing is replaceable.

**HARDWARE SET 4EL**
- VON DUPRIN 99 SERIES EXIT DEVICE
- ROCKWOOD VRT16 PULL HANDLE
- LCN 4040XP5RI PARALLEL ARM CLOSER
- QUIET ELECTRIC LATCH RETRACTION

Note: Includes small format cylinder housing w/ disposable construction key. Small format lock core supplied by customer. Cylinder housing is replaceable. RATED: 24 VDC 1 AMP

**HARDWARE SET 4CEL**
- CBC VON DUPRIN 99 SERIES EXIT DEVICE
- VON DUPRIN 996 ELECTRIFIED TRIM HANDLE
- LCN 4040XP5RI PARALLEL ARM CLOSER

Note: Includes small format cylinder housing w/ disposable construction key. Small format lock core supplied by customer. Cylinder housing is replaceable. MEETS CALIFORNIA BUILDING CODES (CBC).

**HARDWARE SET 4EL**
- VON DUPRIN 99 SERIES EXIT DEVICE
- ROCKWOOD VRT16 PULL HANDLE
- LCN 4040XP5RI PARALLEL ARM CLOSER
- QUIET ELECTRIC LATCH RETRACTION

Note: Includes small format cylinder housing w/ disposable construction key. Small format lock core supplied by customer. Cylinder housing is replaceable. RATED: 24 VDC 1 AMP

**INDICATE HARDWARE SET BY REPLACING THE □ WITHIN THE CATALOG PART NUMBER.**

- **□ = Hardware Set**
- **1 = Set 1**
- **2 = Set 2**
- **3 = Set 3**
- **4 = Set 4**
- **4C = Set 4C**
- **5 = Set 5**
- **5C = Set 5C**
- **6 = Set 6**
- **6C = Set 6C**
- **7 = Set 7**
- **7V = Set 7V**
- **8 = Set 8**
- **8E = Set 8E**
- **9 = Set 9**
- **10 = Set 10**
- **11 = Set 11**
- **12 = Set 12**

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EXODUS® EGRESS GATES | HARDWARE OPTIONS

OPTIONAL HARDWARE SET I FOR FLANGE MOUNT GATES

HARDWARE SET 6C
- CBC Von Duprin 99 Series Exit Device
- Von Duprin E96L Electrified Trim Handle
- LCN 4040XPSRI Parallel Arm Closer

Note: Includes small format cylinder housing w/ disposable construction key. Small format lock core supplied by customer. Cylinder housing is replaceable. MEETS CALIFORNIA BUILDING CODES (CBC). Factory set fail safe, Field Changeable to fail secure 12/24vdc 0.6/.22 Amps

HARDWARE SET 7
- Detex V40 Exit Device with Micro Switch
- Simplex Digital Lock with Trim Handle
- Norton 7500 Parallel Arm Closer

Note: Includes small format cylinder housing w/ disposable construction key. Small format lock core supplied by customer.

HARDWARE SET 7V
- Von Duprin 99 Series Exit Device
- Simplex Digital Lock with Trim Handle
- LCN 4040XPSRI Parallel Arm Closer

Note: Includes small format cylinder housing w/ disposable construction key. Small format lock core supplied by customer.

HARDWARE SET 8E
- Sargent 8200 Mortise Lock Electrified
- Includes Request to Exit
- Norton 7500 Parallel Arm Closer

Note: Includes small format cylinder housing w/ disposable construction key. Small format lock core supplied by customer. Cylinder housing is replaceable. DOES NOT MEET IBC EGRESS REQUIREMENTS. NOT AVAILABLE FOR DUAL GATES. 12/24VDC REGULATED .015 AMP CONTINUOUS

INDICATE HARDWARE SET BY REPLACING THE ❍ WITHIN THE CATALOG PART NUMBER.

- ❍ = Hardware Set
- 1 = Set 1
- 2 = Set 2
- 3 = Set 3
- 4 = Set 4
- 4C = Set 4C
- 4EL = Set 4EL
- 5 = Set 5
- 5C = Set 5C
- 6 = Set 6
- 6C = Set 6
- 7 = Set 7
- 4CEL = Set 4CEL
- 7V = Set 7
- 8 = Set 8
- 8E = Set 8E
- 9 = Set 9
- 10 = Set 10
- 11 = Set 11
- 12 = Set 12

NOTE: EXODUS DOUBLE SWING GATES INCLUDE RIGHT AND LEFT HAND HARDWARE SETS

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EXODUS® EGRESS GATES | HARDWARE OPTIONS

OPTIONAL HARDWARE SET 1 FOR FLANGE MOUNT GATES

**HARDWARE SET 9**
- DETEX V40 EXIT DEVISE W/ALARM
- DETEX NARROW STYLE TRIM HANDLE
- NORTON 7500 PARALLEL ARM CLOSER

Note: Includes small format cylinder housing w/ disposable construction key. Small format lock core supplied by customer. Cylinder housing is replaceable. Alarm is battery operated.

**HARDWARE SET 10**
- DETEX V40 EXIT DEVISE W/ALARM
- SECURITECH ELECTRIFIED TRIM HANDLE
- NORTON 7500 PARALLEL ARM CLOSER

Note: Includes small format cylinder housing w/ disposable construction key. Small format lock core supplied by customer. Cylinder housing is replaceable. Alarm is battery operated.

**HARDWARE SET 11**
- DETEX V40 EXIT DEVISE W/ALARM
- ROCKWOOD VRT16 PULL HANDLE
- NORTON 7500 PARALLEL ARM CLOSER

Note: Includes small format cylinder housing w/ disposable construction key. Small format lock core supplied by customer. Cylinder housing is replaceable. Alarm is battery operated.

**HARDWARE SET 12**
- DETEX AH40 EXIT WITH 3-AMP REQUEST TO EXIT SWITCH
- DETEX EU2W ELECTRIFIED TRIM HANDLE
- NORTON 7500 PARALLEL ARM CLOSER

Note: ADVANTEX EXIT DEVICE HURRICANE RATED. Includes Mortise Cylinder SFIC Housing. Lock core supplied by customer. Cylinder housing is replaceable. Factory set fail secure not field selectable to fail safe.

**INDICATE HARDWARE SET BY REPLACING THE ☐ WITHIN THE CATALOG PART NUMBER.**

<table>
<thead>
<tr>
<th>☐ = Hardware Set</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 = Set 1</td>
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<td>2 = Set 2</td>
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<tr>
<td>3 = Set 3</td>
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<tr>
<td>4 = Set 4</td>
</tr>
<tr>
<td>4C = Set 4C</td>
</tr>
<tr>
<td>4CEL = Set 4CEL</td>
</tr>
<tr>
<td>5 = Set 5</td>
</tr>
<tr>
<td>5C = Set 5C</td>
</tr>
<tr>
<td>6 = Set 6</td>
</tr>
<tr>
<td>6C = Set 6</td>
</tr>
<tr>
<td>7 = Set 7</td>
</tr>
<tr>
<td>7V = Set 7</td>
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<td>8 = Set 8</td>
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<tr>
<td>8E = Set 8E</td>
</tr>
<tr>
<td>9 = Set 9</td>
</tr>
<tr>
<td>10 = Set 10</td>
</tr>
<tr>
<td>11 = Set 11</td>
</tr>
<tr>
<td>12 = Set 12</td>
</tr>
</tbody>
</table>

**NOTE:** EXODUS DOUBLE SWING GATES INCLUDE RIGHT AND LEFT HAND HARDWARE SETS

Effective: 06/15/21
## EXODUS® EGRESS GATES | ACCESSORIES

### EXIT DEVICE GUARD | THROUGH BOLT KITS | FOR FLANGE MOUNT GATES

<table>
<thead>
<tr>
<th>DESCRIPTION</th>
<th>QTY</th>
<th>ITEM NUMBER</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Exit Device Guard</td>
<td></td>
<td>PHEG42</td>
<td>19 lbs</td>
</tr>
</tbody>
</table>

**What's Included**

- GUARD SS | 2
- 5/16" X 2-1/2" SS CARRIAGE BOLT BLACK | 6
- 5/16-18 TRI GROOVE SECURITY NUT BLACK | 6
- SOCKET FOR TRI GROVE NUT | 1

### 3" Post Through Bolt Kit

<table>
<thead>
<tr>
<th>DESCRIPTION</th>
<th>QTY</th>
<th>ITEM NUMBER</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>3&quot; Post Through Bolt Kit</td>
<td></td>
<td>PHGTBK3</td>
<td>1.60 lbs</td>
</tr>
</tbody>
</table>

**What's Included**

- 5/16"-18 X 3-1/2" SS CARRIAGE BOLT SS | 17
- 5/16-18 TRI GROOVE SECURITY NUTS | 17
- SOCKET FOR TRI GROVE NUT | 1

### 4" Post Through Bolt Kit

<table>
<thead>
<tr>
<th>DESCRIPTION</th>
<th>QTY</th>
<th>ITEM NUMBER</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>4&quot; Post Through Bolt Kit</td>
<td></td>
<td>PHGTBK4</td>
<td>1.89 lbs</td>
</tr>
</tbody>
</table>

**What's Included**

- 5/16"-18 X 4-1/2" CARRIAGE BOLT SS/UNC | 17
- 5/16-18 TRI GROOVE SECURITY NUTS | 17
- SOCKET FOR TRI GROVE NUT | 1

### 6" Post Through Bolt Kit

<table>
<thead>
<tr>
<th>DESCRIPTION</th>
<th>QTY</th>
<th>ITEM NUMBER</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>6&quot; Post Through Bolt Kit</td>
<td></td>
<td>PHGTBK6</td>
<td>2.46 lbs</td>
</tr>
</tbody>
</table>

**What's Included**

- 5/16"-18 X 6-1/2" CARRIAGE BOLT SS | 17
- 5/16-18 TRI GROOVE SECURITY NUTS | 17
- SOCKET FOR TRI GROVE NUT | 1

### EXIT DEVICE GUARD

<table>
<thead>
<tr>
<th>DESCRIPTION</th>
<th>QTY</th>
<th>ITEM NUMBER</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Exit Device Guard</td>
<td></td>
<td>PHEG42</td>
<td>19 lbs</td>
</tr>
</tbody>
</table>

**What's Included**

- GUARD SS | 2
- 5/16" X 2-1/2" SS CARRIAGE BOLT BLACK | 6
- 5/16-18 TRI GROOVE SECURITY NUT BLACK | 6
- SOCKET FOR TRI GROVE NUT | 1

### Exit Device Guard

<table>
<thead>
<tr>
<th>DESCRIPTION</th>
<th>QTY</th>
<th>ITEM NUMBER</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Exit Device Guard</td>
<td></td>
<td>PHEG42</td>
<td>19 lbs</td>
</tr>
</tbody>
</table>

**What's Included**

- GUARD SS | 2
- 5/16" X 2-1/2" SS CARRIAGE BOLT BLACK | 6
- 5/16-18 TRI GROOVE SECURITY NUT BLACK | 6
- SOCKET FOR TRI GROVE NUT | 1

### Von Duprin Request To Exit Switch

<table>
<thead>
<tr>
<th>DESCRIPTION</th>
<th>QTY</th>
<th>ITEM NUMBER</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Von Duprin Request To Exit Switch</td>
<td>1</td>
<td>PHEMSK</td>
<td>.5 lbs</td>
</tr>
</tbody>
</table>

**NOTE:** FOR VON DUPRIN 99 SERIES EXIT DEVICE. HDW SETS 4, 4C, 5, 5C, 6, 6C RATED - 3 AMPS 24V AC/DC

### Von Duprin Quiet Electric Latch Retraction Assembly

<table>
<thead>
<tr>
<th>DESCRIPTION</th>
<th>QTY</th>
<th>ITEM NUMBER</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Von Duprin Quiet Electric Latch Retraction Assembly</td>
<td>1</td>
<td>90-200-16278P</td>
<td>2 lbs</td>
</tr>
</tbody>
</table>

**NOTE:** FOR VON DUPRIN EXIT DEVICE. RATED: 24 VDC 1 AMP

---

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EXODUS® EGRESS GATES | IMPASSE HEADERS
8’ & 10’ IMPASSE HEADER KITS | FOR SINGLE FLANGE MOUNT GATES

NOTE: ABOVE DRAWING DEPICTS AN EXODUS EGRESS GATE / PART # 2HPHEMB080F-42R2

A 3" JAMB FRAME
B GATE INFILL
C PREINSTALLED HARDWARE SET
D 1.75" REINFORCED GATE

EXODUS EGRESS GATES REQUIRE NO ASSEMBLY

Refer to construction specification & tables within this section for recommended post spacing

Effective: 06/15/21
# EXODUS® EGRESS GATES | IMPASSE HEADERS

8' & 10' IMPASSE HEADER KITS FOR SINGLE FLANGE MOUNT GATES

<table>
<thead>
<tr>
<th>DESCRIPTION</th>
<th>QTY</th>
<th>ITEM NUMBER</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Impasse II Gauntlet 8' Header Kit</td>
<td>1</td>
<td>3GHD@09642</td>
<td>29 lbs</td>
</tr>
<tr>
<td>Impasse II Gauntlet 10' Header Kit</td>
<td>1</td>
<td>3GHD@12042</td>
<td>62 lbs</td>
</tr>
</tbody>
</table>

**What's Included**

Gauntlet Pales 10
Header Mounting Bracket 1
3/8"-16 x 1.69" Tri-Lobe Screws 22
3/8"-16 Nut SS 10
1/2" Washer SS 2

<table>
<thead>
<tr>
<th>DESCRIPTION</th>
<th>QTY</th>
<th>ITEM NUMBER</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Impasse II Gauntlet 8' Header Kit Anti-Scale</td>
<td>1</td>
<td>3GHD@09642AS</td>
<td>35 lbs</td>
</tr>
<tr>
<td>Impasse II Gauntlet 10' Header Kit Anti-Scale</td>
<td>1</td>
<td>3GHD@12042AS</td>
<td>68 lbs</td>
</tr>
</tbody>
</table>

**What's Included**

Gauntlet Pales 14
Header Mounting Bracket 1
3/8"-16 x 1.69" Tri-Lobe Screws 30
3/8"-16 Nut SS 14
1/2" Washer SS 2

<table>
<thead>
<tr>
<th>DESCRIPTION</th>
<th>QTY</th>
<th>ITEM NUMBER</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Impasse II Trident 8' Header Kit</td>
<td>1</td>
<td>3THD@09642</td>
<td>25 lbs</td>
</tr>
<tr>
<td>Impasse II Trident 10' Header Kit</td>
<td>1</td>
<td>3THD@12042</td>
<td>58 lbs</td>
</tr>
</tbody>
</table>

**What's Included**

Trident Pales 10
Header Mounting Bracket 1
3/8"-16 x 1.69" Tri-Lobe Screws 22
3/8"-16 Nut SS 10
1/2" Washer SS 2

<table>
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<th>DESCRIPTION</th>
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<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Impasse II Trident 8' Header Kit Anti-Scale</td>
<td>1</td>
<td>3THD@09642AS</td>
<td>31 lbs</td>
</tr>
<tr>
<td>Impasse II Trident 10' Header Kit Anti-Scale</td>
<td>1</td>
<td>3THD@12042AS</td>
<td>64 lbs</td>
</tr>
</tbody>
</table>

**What's Included**

Trident Pales 14
Header Mounting Bracket 1
3/8"-16 x 1.69" Tri-Lobe Screws 30
3/8"-16 Nut SS 14
1/2" Washer SS 2

© = Color Options | B = Black  N = Bronze  S = Sand  142 = Grey

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# EXODUS® EGRESS GATES | IMPASSE HEADERS

8' IMPASSE HEADER KITS | FOR SINGLE FLANGE MOUNT GATES

<table>
<thead>
<tr>
<th>DESCRIPTION</th>
<th>QTY</th>
<th>ITEM NUMBER</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Impasse II Stronghold 8' Header Kit</td>
<td>1</td>
<td>3SHD@09642</td>
<td>25 lbs</td>
</tr>
<tr>
<td>Impasse II Stronghold 10' Header Kit</td>
<td>1</td>
<td>3SHD@12042</td>
<td>58 lbs</td>
</tr>
</tbody>
</table>

**What's Included**

- Stronghold Pales: 10
- Header Mounting Bracket: 1
- 3/8"-16 x 1.69" Tri-Lobe Screws: 22
- 3/8"-16 Nut SS: 10
- 1/2" Washer SS: 2

<table>
<thead>
<tr>
<th>DESCRIPTION</th>
<th>QTY</th>
<th>ITEM NUMBER</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Impasse II Stronghold 8' Header Kit Anti-Scale</td>
<td>1</td>
<td>3SHD@09642AS</td>
<td>31 lbs</td>
</tr>
<tr>
<td>Impasse II Stronghold 10' Header Kit Anti-Scale</td>
<td>1</td>
<td>3SHD@12042AS</td>
<td>64 lbs</td>
</tr>
</tbody>
</table>

**What's Included**

- Gauntlet Pales: 14
- Header Mounting Bracket: 1
- 3/8"-16 x 1.69" Tri-Lobe Screws: 30
- 3/8"-16 Nut SS: 14
- 1/2" Washer SS: 2

🔗 = Color Options | B = Black | N = Bronze | S = Sand | 142 = Grey

---

Effective: 06/15/21

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EXODUS® EGRESS GATES | IMPASSE HEADERS

8' & 10' IMPASSE HEADER KITS | FOR DUAL FLANGE MOUNT GATES

NOTE: ABOVE DRAWING DEPICTS AN EXODUS EGRESS GATE / PART # 2HPHEM080F-42R2

A  3" JAMB FRAME  C  PREINSTALLED HARDWARE SET
B  GATE INFILL     D  1.75" REINFORCED GATE

EXODUS EGRESS GATES REQUIRE NO ASSEMBLY

Refer to construction specification & tables within this section for recommended post spacing

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Effective: 06/15/21
# EXODUS® EGRESS GATES | IMPASSE HEADERS

8’ & 10’ IMPASSE HEADER KITS FOR DUAL FLANGE MOUNT GATES

<table>
<thead>
<tr>
<th>DESCRIPTION</th>
<th>QTY</th>
<th>ITEM NUMBER</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Impasse II Gauntlet 8’ Header Kit</td>
<td>1</td>
<td>3GHD@09684</td>
<td>51 lbs</td>
</tr>
<tr>
<td>Impasse II Gauntlet 10’ Header Kit</td>
<td>1</td>
<td>3GHD@12084</td>
<td>117 lbs</td>
</tr>
</tbody>
</table>

What’s Included

- Gauntlet Pales 18/18
- Header Mounting Bracket 1/2
- 3/8”-16 x 1.69” Tri-Lobe Screws 40/62
- 3/8”-16 Nut SS 18/44
- 1/2” Washer SS 4/0
- 8’ Rail with Holes 0/2

<table>
<thead>
<tr>
<th>DESCRIPTION</th>
<th>QTY</th>
<th>ITEM NUMBER</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Impasse II Gauntlet 8’ Header Kit Anti-Scale</td>
<td>1</td>
<td>3GHD@09684AS</td>
<td>65 lbs</td>
</tr>
<tr>
<td>Impasse II Gauntlet 10’ Header Kit Anti-Scale</td>
<td>1</td>
<td>3GHD@12084AS</td>
<td>145 lbs</td>
</tr>
</tbody>
</table>

What’s Included

- Gauntlet Pales 26/25
- Header Mounting Bracket 1/2
- 3/8”-16 x 1.69” Tri-Lobe Screws 56/83
- 3/8”-16 Nut SS 26/57
- 1/2” Washer SS 4/0
- 8’ Rail with Holes 0/2

<table>
<thead>
<tr>
<th>DESCRIPTION</th>
<th>QTY</th>
<th>ITEM NUMBER</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Impasse II Trident 8’ Header Kit</td>
<td>1</td>
<td>3THD@09684</td>
<td>45 lbs</td>
</tr>
<tr>
<td>Impasse II Trident 10’ Header Kit</td>
<td>1</td>
<td>3THD@12084</td>
<td>112 lbs</td>
</tr>
</tbody>
</table>

What’s Included

- Trident Pales 18/18
- Header Mounting Bracket 1/2
- 3/8”-16 x 1.69” Tri-Lobe Screws 40/62
- 3/8”-16 Nut SS 18/44
- 1/2” Washer SS 4/0
- 8’ Rail with Holes 0/2

<table>
<thead>
<tr>
<th>DESCRIPTION</th>
<th>QTY</th>
<th>ITEM NUMBER</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Impasse II Trident 8’ Header Kit Anti-Scale</td>
<td>1</td>
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<td>56 lbs</td>
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<tr>
<td>Impasse II Trident 10’ Header Kit Anti-Scale</td>
<td>1</td>
<td>3THD@12084AS</td>
<td>137 lbs</td>
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</tbody>
</table>

What’s Included

- Trident Pales 26/25
- Header Mounting Bracket 1/2
- 3/8”-16 x 1.69” Tri-Lobe Screws 56/83
- 3/8”-16 Nut SS 26/57
- 1/2” Washer SS 4/0
- 8’ Rail with Holes 0/2

Effective: 06/15/21

Order by Phone: 888-333-3422 | Visit AmeristarFence.com

© = Color Options | B = Black | N = Bronze | S = Sand | 142 = Grey
## EXODUS® EGRESS GATE SYSTEMS | IMPASSE HEADERS

### 8' IMPASSE HEADER KITS FOR DUAL FLANGE MOUNT GATES

<table>
<thead>
<tr>
<th>DESCRIPTION</th>
<th>QTY</th>
<th>ITEM NUMBER</th>
<th>WEIGHT</th>
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</thead>
<tbody>
<tr>
<td>Impasse II Stronghold 8' Header Kit</td>
<td>1</td>
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<td>44 lbs</td>
</tr>
<tr>
<td>Impasse II Stronghold 10' Header Kit</td>
<td>1</td>
<td>3SHD@12084</td>
<td>105 lbs</td>
</tr>
</tbody>
</table>

**What's Included**
- Stronghold Pales 18/18
- Header Mounting Bracket 1/2
- 3/8"-16 x 1.69" Tri-Lobe Screws 40/62
- 3/8"-16 Nut SS 18/44
- 1/2" Washer SS 4/0
- 1/2" Washer SS 0/2

### 8' IMPASSE HEADER KITS ANTI-SCALE

<table>
<thead>
<tr>
<th>DESCRIPTION</th>
<th>QTY</th>
<th>ITEM NUMBER</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Impasse II Stronghold 8' Header Kit Anti-Scale</td>
<td>1</td>
<td>3SHD@09684AS</td>
<td>54 lbs</td>
</tr>
<tr>
<td>Impasse II Stronghold 10' Header Kit Anti-Scale</td>
<td>1</td>
<td>3SHD@12084AS</td>
<td>128 lbs</td>
</tr>
</tbody>
</table>

**What’s Included**
- Gauntlet Pales 18/18
- Header Mounting Bracket 1/2
- 3/8"-16 x 1.69" Tri-Lobe Screws 40/62
- 3/8"-16 Nut SS 18/44
- 1/2" Washer SS 4/0
- 1/2" Washer SS 0/2

**Ω = Color Options | B = Black | N = Bronze | S = Sand | 142 = Grey**

**Effective: 06/15/21**

**TO PLACE YOUR ORDER CALL 888-333-3422 | VISIT AMERISTARFENCE.COM | ASSA ABLOY**
# MATRIX EXODUS® | HEADER KIT OPTIONS

## PRE-HUNG GATE ASSEMBLY | INFILL OPTIONS

<table>
<thead>
<tr>
<th>ITEM NUMBER</th>
<th>FENCE HT.</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>X-Span Modified</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MHDMLM@09642</td>
<td>8’-8”</td>
<td>101 lbs</td>
</tr>
<tr>
<td>MHDMLM@12042</td>
<td>10’-8”</td>
<td>125 lbs</td>
</tr>
<tr>
<td>MHDMLM@14442</td>
<td>12’-9”</td>
<td>200 lbs</td>
</tr>
<tr>
<td>MHDMLM@19242</td>
<td>15’-9”</td>
<td>248 lbs</td>
</tr>
<tr>
<td>MHDMLM@24042</td>
<td>20’-10”</td>
<td>455 lbs</td>
</tr>
</tbody>
</table>

**NOTE:** Kits include fasteners

<table>
<thead>
<tr>
<th>ITEM NUMBER</th>
<th>FENCE HT.</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>X-Span</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MHDEM@09642</td>
<td>8’-8”</td>
<td>101 lbs</td>
</tr>
<tr>
<td>MHDEM@12042</td>
<td>10’-8”</td>
<td>125 lbs</td>
</tr>
<tr>
<td>MHDEM@14442</td>
<td>12’-9”</td>
<td>200 lbs</td>
</tr>
<tr>
<td>MHDEM@19242</td>
<td>15’-9”</td>
<td>248 lbs</td>
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</tr>
</tbody>
</table>

**NOTE:** Kits include fasteners

<table>
<thead>
<tr>
<th>ITEM NUMBER</th>
<th>FENCE HT.</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>X-Screen</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MHDLM@09642</td>
<td>8’-8”</td>
<td>101 lbs</td>
</tr>
<tr>
<td>MHDLM@12042</td>
<td>10’-8”</td>
<td>125 lbs</td>
</tr>
<tr>
<td>MHDLM@14442</td>
<td>12’-9”</td>
<td>200 lbs</td>
</tr>
<tr>
<td>MHDLM@19242</td>
<td>15’-9”</td>
<td>248 lbs</td>
</tr>
<tr>
<td>MHDLM@24042</td>
<td>20’-10”</td>
<td>455 lbs</td>
</tr>
</tbody>
</table>

**NOTE:** Kits include fasteners

<table>
<thead>
<tr>
<th>ITEM NUMBER</th>
<th>FENCE HT.</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Matrix WireWorks Anti-Climb</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MHDAC@09642</td>
<td>8’-8”</td>
<td>101 lbs</td>
</tr>
<tr>
<td>MHDAC@12042</td>
<td>10’-8”</td>
<td>125 lbs</td>
</tr>
<tr>
<td>MHDAC@14442</td>
<td>12’-9”</td>
<td>200 lbs</td>
</tr>
<tr>
<td>MHDAC@19242</td>
<td>15’-9”</td>
<td>248 lbs</td>
</tr>
<tr>
<td>MHDAC@24042</td>
<td>20’-10”</td>
<td>455 lbs</td>
</tr>
</tbody>
</table>

**NOTE:** Kits include fasteners

- **©** = COLOR OPTIONS AVAILABLE  |  **B** = Black  |  **142** = Gray
- **✓** = WIRE GAUGE AVAILABLE  |  **6** = 6 GAUGE  |  **8** = 8 GAUGE

Effective: 06/15/21

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WIREWORKS ANTI-CLimb EXODUS® | HEADER KIT OPTIONS

PRE-HUNG GATE ASSEMBLY | INFILL OPTIONS

<table>
<thead>
<tr>
<th>ITEM NUMBER</th>
<th>FENCE HT.</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>WireWorks Anti-Climb</td>
<td></td>
<td></td>
</tr>
<tr>
<td>HD5WA@09642*</td>
<td>8'-0&quot;</td>
<td>20 lbs</td>
</tr>
<tr>
<td>HD5WA@12042**</td>
<td>10'-0&quot;</td>
<td>44 lbs</td>
</tr>
</tbody>
</table>

NOTE: Kits include fasteners

= COLOR OPTIONS AVAILABLE  
B = Black  
G = Green  
N = Bronze  
S = Sand  
TB = Tube

*10.5 GAUGE  
**8 GAUGE
MATRIX EXODUS® EGRESS GATES | SQUARE POST MOUNTING KIT

PRE-HUNG GATE ASSEMBLY

ITEM NUMBER | WEIGHT
--- | ---
Square Post Mounting Kit
MP@615 | 42 lbs

Kit is universal handed
1 kit required for square post to I-beam post installation
2 kits required for square post to square post installation
Square posts include 6” & 8”

∞ = COLOR OPTIONS AVAILABLE | B = Black 142 = Gray

8” POST (INCLUDES TECH POST) TO I-BEAM INSTALLATION

8” POST (INCLUDES TECH POST) TO 8” POST INSTALLATION

Note: See specifications Table 1 for post spacings

SEE FOLLOWING PAGE FOR CONSTRUCTION SPECIFICATION
PART 1 - GENERAL

1.01 WORK INCLUDED
The contractor shall provide all labor, materials and appurtenances necessary for installation of the egress gate system defined herein at (specify project site).

1.02 RELATED WORK
Section _____ - Earthwork
Section _____ - Concrete
Section _____ - Fence & Gates

1.03 SYSTEM DESCRIPTION
The manufacturer shall supply a total egress gate system of the Ameristar® Exodus® Single (specify Flange Mount, Surface Plate Mount or Direct Bury) or Double Flange Mount installation method and (specify 1” picket w/ expanded metal, 1” picket w/ perforated metal, Pale w/ expanded metal, pale w/ perforated metal, anti-scale pale w/ expanded metal, anti-scale pale w/ perforated metal, perforated metal only, or expanded metal only) infill. The system shall include all components (i.e., gate, jamb frame, infill, mullion for Exodus Double and hardware) required.

1.04 QUALITY ASSURANCE
Pre-hung gate system produced by a manufacturer with minimum 10 years experience in gate manufacturing. The contractor shall provide laborers and supervisors who are thoroughly familiar with the type of construction involved and materials and techniques specified.

1.05 REFERENCES
• ASTM A653/A653M – Standard Specification for Steel Sheet, Zinc-Coated (Galvanized) or Zinc-Iron Alloy Coated (Galvannealed) by the Hot-Dip Process
• ASTM B117 – Test Method for Operating Salt-Spray (Fog) Apparatus
• ASTM D523 – Test Method for Specular Gloss
• ASTM D714 – Test Method for Evaluating Degree of Blistering in Paint
• ASTM D1654 – Test Method for Evaluation of Painted or Coated Specimens Subjected to Corrosive Environments
• ASTM D2244 – Test Method for Calculation of Color Differences from Instrumentally Measured Color Coordinates
• ASTM D3359 – Test Method for Measuring Adhesion by Tape Test
• ASTM D6695 – Standard Practice for Xenon-Arc Exposures of Paint and Related Coatings
• ASTM F2408 – Ornamental Fences Employing Galvanized Steel Tubular Pickets

• IBC Group I-2 Egress Requirements

1.06 SUBMITTAL
The manufacturer’s submittal package shall be provided prior to installation.

1.07 PRODUCT HANDLING AND STORAGE
Upon receipt at the job site, all materials shall be checked to ensure that no damages occurred during shipping or handling. Materials shall be stored in such a manner to ensure proper ventilation and drainage, and to protect against damage, weather, vandalism, and theft.

1.08 PRODUCT WARRANTY
Gate system (i.e. gate, jamb frame, and infill) shall be warranted within specified limitations, by the manufacturer for a period of three (3) years from date of original purchase. Warranty shall cover any defects in workmanship and material finish, including cracking, peeling, chipping, blistering, or corroding. See full product warranty online or request from Ameristar.

PART 2 - MATERIALS

2.01 MANUFACTURER
The gate system shall conform to the Ameristar Exodus Single (specify Flange Mount, Surface Plate Mount or Direct Bury) or Double Flange Mount installation method and (specify 1” picket w/ expanded metal, 1” picket w/ perforated metal, Pale w/ expanded metal, pale w/ perforated metal, anti-scale pale w/ expanded metal, anti-scale pale w/ perforated metal, perforated metal only, or expanded metal only) infill, manufactured by Ameristar Perimeter Security in Tulsa, Oklahoma.

2.02 MATERIAL
A. Steel material for gate framework (i.e. jamb frame & gate), shall be galvanized prior to forming in accordance with the requirements of ASTM A653/A653M, with minimum yield strength of 45,000 psi (310 MPa). The steel shall be hot-dip galvanized to meet the requirements of ASTM A653/A653M with a minimum zinc coating weight of 0.90 oz/ft2 (276 g/m2), Coating Designation G-90.
B. Infill frame shall be 12ga steel. Expanded metal mesh shall be ¾” x #9 flattened or Perforated metal mesh shall be 3/16” round x ½” x 18ga.
C. Ornamental picket infill material shall consist of 1” square x 14 Ga. tubing for pickets. Pickets shall be spaced no greater than 5” o.c. Infill frame shall be 12ga steel. Expanded metal mesh shall be ¾” x #9 flattened or Perforated metal mesh shall be 3/16” round x ½” x 18ga.
**EXODUS® | CONSTRUCTION SPECIFICATION 32 31 19**

**EGRESS GATE SYSTEM | PRE-HUNG GATE**

D. If applicable - material for pales shall be 2.75” x .75” x 14ga. corrugated shape. Standard pale spacing shall be no greater than 6” o.c. or anti-scale pale spacing at no greater than 4.25” o.c.

E. Gate shall be 1.75” x 14ga steel reinforced structural design with ¼” plate reinforced hinge mounting.

F. Hinges shall be stainless steel five knuckle bearing hinges with non-removable pin and stainless steel fasteners.

G. Removable mullion (Exodus Double only) shall be L980 Lockable Mullion.

**2.03 FABRICATION**

A. Gate shall be pre-drilled to accept appropriate hardware set. Infill frames shall be fabricated as a single unit. Frame shall be of welded construction inset with mesh filler, attachment to gate frame by means of security fasteners.

B. Gate jamb frame shall be fully welded consisting of 3” x 12ga square tubing for main jamb, 1” square gate stop, and strike mounting block, with gate stop bumpers. Jamb to include an electrical access point with conduit point of connection. Electrical connection to gate by means of Power Transfer connection mounted in jamb and gate. Gate shall be pre-assembled.

C. Gate threshold to be mounted with fasteners allowing for placement below grade or removal after gate installation.

D. Gate shall have clear opening (from gate stop to face of gate open to 90 degrees) of 41.5” meeting IBC Group I-2 Egress requirements.

E. Gate hardware to consist of exterior rated devices. Gate and hardware to be pre-assembled prior to shipping.

F. The manufactured galvanized gate shall be subjected to a multi-stage pretreatment/wash, followed by a dual stage coating process consisting of a cathodic electro-coat epoxy primer base coat and an electrostatic spray topcoat application, a PermaCoat® powder coat system. Steel framework is subjected to a six-stage pretreatment/wash followed by an electrostatic spray application of PermaCoat Color System, a two-coat powder system. The base coat is a thermosetting epoxy powder coating (gray in color). The top coat is a “no-mar” TGIC polyester powder coat finish with a minimum thickness of 2 mils (0.00508mm). The stratification-coated framework shall be capable of meeting the performance requirements for each quality characteristic shown in Table 2.

**PART 3 - EXECUTION**

**3.01 PREPARATION**

All new installation shall be laid out by the contractor in accordance with the construction plans.

**3.02 GATE INSTALLATION**

Post installation for flange mount systems shall be spaced according Table 1. Posts set in concrete footers shall have a minimum depth of 36” (Note: In some cases, local restrictions of freezing weather conditions may require a greater depth). The “Earthwork” and “Concrete” sections of this specification shall govern material requirements for the concrete footer. Posts setting by other methods such as flanged, plated posts or grouted core-drilled footers are permissible only if shown by engineering analysis to be sufficient in strength for the intended application.

**3.03 GATE INSTALLATION MAINTENANCE**

When cutting/drilling gate components or posts adhere to the following steps to seal the exposed steel surfaces; 1) Remove all metal shavings from cut area. 2) Apply zinc-rich primer to thoroughly cover cut edge and/or drilled hole; let dry. 3) Apply 2 coats of custom finish paint matching fence color. Failure to seal exposed surfaces per steps 1-3 above will negate warranty. Ameristar spray cans or paint pens shall be used to prime and finish exposed surfaces; it is recommended that paint pens be used to prevent overspray. Use of non-Ameristar parts or components will negate the manufacturers’ warranty.

**3.04 CLEANING**

The contractor shall clean the jobsite of excess materials; post-hole excavations shall be scattered uniformly away from posts.

SEE REFERENCED TABLES ON THE FOLLOWING PAGE
COATING PERFORMANCE REQUIREMENTS

<table>
<thead>
<tr>
<th>QUALITY CHARACTERISTICS</th>
<th>ASTM TEST METHOD</th>
<th>PERFORMANCE REQUIREMENTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>ADHESION</td>
<td>D3359 – METHOD B</td>
<td>Adhesion (retention of coating) over 90% of test area (tape and knife kit test).</td>
</tr>
<tr>
<td>CORROSION RESISTANCE</td>
<td>B117, D714, D1654</td>
<td>Corrosion resistance over 3,500 hours (scribed per D1654; failure mode is accumulation of 1/8&quot; coating loss from scribe or medium #8 blisters)</td>
</tr>
<tr>
<td>IMPACT RESISTANCE</td>
<td>D2794</td>
<td>Impact resistance over 60&quot; lb. (forward impact using 0.625&quot; ball).</td>
</tr>
<tr>
<td>WEATHERING RESISTANCE</td>
<td>D822, D2244, D523 (60° method)</td>
<td>Weathering resistance over 1,000 hours (failure mode is 60% loss of gloss or color variance of more than 3 delta-E color units).</td>
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</table>

EXODUS SINGLE EGRESS GATE - FLANGE MOUNTING OPTION

<table>
<thead>
<tr>
<th>POST TYPE</th>
<th>SQUARE</th>
</tr>
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<tbody>
<tr>
<td>POST SIZE</td>
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</tr>
<tr>
<td>POST SETTING ON CENTER</td>
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<tr>
<td>INSIDE POST SPACING</td>
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<table>
<thead>
<tr>
<th>POST TYPE</th>
<th>I-BEAM</th>
</tr>
</thead>
<tbody>
<tr>
<td>POST SIZE</td>
<td>3&quot;</td>
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<tr>
<td>POST SETTING ON CENTER</td>
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<tr>
<td>INSIDE POST SPACING</td>
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EXODUS DOUBLE EGRESS GATE - FLANGE MOUNTING OPTION

<table>
<thead>
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<td>104&quot;</td>
</tr>
<tr>
<td>INSIDE POST SPACING</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>POST TYPE</th>
<th>I-BEAM</th>
</tr>
</thead>
<tbody>
<tr>
<td>POST SIZE</td>
<td>3&quot;</td>
</tr>
<tr>
<td>POST SETTING ON CENTER</td>
<td>105&quot;</td>
</tr>
<tr>
<td>INSIDE POST SPACING</td>
<td>102.25&quot;</td>
</tr>
</tbody>
</table>
EXODUS® EGRESS GATE | LIMITED WARRANTY

PEDESTRIAN EGRESS GATE SYSTEM

Exodus® Egress Gate by Ameristar® is manufactured from the highest quality materials by skilled craftsmen to meet the highest standards of workmanship in the industry. Steel gate is subjected to a multi-stage pretreatment/wash, followed by a dual stage coating process consisting of a cathodic electro-coat epoxy primer base coat and an electrostatic spray topcoat application, a PermaCoat® powder coat system. Steel framework is subjected to a six stage pretreatment/wash followed by an electrostatic spray application of PermaCoat Color System, a two coat powder system. The base coat is a thermosetting epoxy powder coating (gray in color). The top coat is a “no-mar” TGIC polyester powder coat finish, which provides the protection necessary to withstand adverse environmental conditions.

The coated surface on all framework and gate (i.e., infill, jamb frame & gate) is guaranteed under normal and proper usage, against cracking, peeling, chipping, blistering or corroding for a period of three (3) years from the original purchase date. Normal and proper usage does not include physical damage, abrasion, or exposure to salty environments to the protective coating.

Exodus Egress Gate framework and gate is also guaranteed for the same period of time against defects in workmanship or materials. Should any framework or gate fail in accordance with any of the above conditions, Ameristar Perimeter Security warrants to the original purchaser their redemption through replacement, renewal, or issuance of a pro-rated credit. Product failure is defined as having a minimum threshold of 2% surface affected. The decision as to which method of redemption is allowed is solely at the discretion of Ameristar.

If pro-rated allowance is the chosen alternative, the amount will be based on the total number of years under warranty from date of purchase to date of claim, based on the original cost of framing materials found to be defective. Notice of failure under the conditions of this warranty shall be sent to Ameristar or its authorized representative, in writing, together with proof of purchase and shall specify the nature of the defect and when it was first observed. If product is nicked or coating is compromised during installation, immediately seal the exposed surfaces by 1) Removing all metal shavings from area, 2) Apply zinc-rich primer to thoroughly cover area; let dry, 3) Apply two (2) coats of custom finish paint matching product color. Failure to seal exposed surfaces per steps 1-3 will negate warranty.

If the contractor uses non-Ameristar parts/components this will negate product warranty. Should the gate be improperly installed, Ameristar shall not be responsible for guaranteed performance or appearance of the material. Neither does this guarantee apply when failure or damage is due to improper use or application, abuse or misuse, neglect, alteration, coastal or marine environments, vandalism or acts of God. Ameristar reserves the right to inspect the material to determine validity of claim.

Upon validation of the claim by Ameristar or its authorized representative, redemption by replacement, renewal or issuance of a pro-rated credit shall be made by Ameristar. Reimbursement for the costs of removal and installation of materials are not included in the guarantee, nor will Ameristar provide those services.

Ameristar makes no warranty whatsoever in respect to hardware, components, parts, or attachments not manufactured or supplied by Ameristar. Exodus Egress Gate hardware is not warranted by Ameristar, see hardware manufacturer’s warranties for hardware warranty details. Ameristar excludes all costs arising from routine maintenance, including replacement parts required for routine maintenance.

The above constitutes the complete warranty by the manufacturer. No other agreement, written or implied, is valid. Ameristar does not authorize any other person or agent to make any other express warranties. Ameristar neither assumes nor authorizes any other person or agent to assume any other liability in connection with its Exodus Egress Gates. Some jurisdictions do not allow limitations on how long an implied warranty lasts, nor do they allow an exclusion or limitation of incidental or consequential damages; therefore, the limitations and exclusions noted herein may not apply.