TRILENNIUM®
MULTI-POINT LOCKING SYSTEMS

Protect your home. Preserve your style.
The perfect multi-point lock for an imperfect world.

Trilennium® Works.
Between impractical installation and the difficulty of keeping an 8’ door straight, multi-point locks can be a nightmare for you. Poor alignment means service calls and unhappy homeowners. Not so with Trilennium®. Trilennium® Multi-Point Locking Systems work when others don’t.

How Trilennium® works:

1. Look familiar? The door is misaligned. In other multi-point systems, the lock would fail to engage, resulting in an unhappy homeowner and costly service call for you or your customer. Not so with Trilennium®.
2. When the door is closed, the angled shoulder of Trilennium’s Bolts pre-engage with the Roller Strikes to fight deflection at all times and deliver smooth operation time after time.
3. As lock is activated, Trilennium’s patented Roller Strikes and Bolts pull the panel into perfect alignment, correcting misalignment in three directions, and arming the door with three deadbolts that cannot be compromised.

Trilennium® Makes everything Stronger.
A solid, one piece I-Beam runs the full length of the lock. That not only increases the strength and precision of the lock, but when Trilennium® is installed, it actually strengthens the door edge and prevents door warping over the life of the panel.

Trilennium® Three times Secure.
Trilennium® features three full deadbolt locks for ultimate strength and security. No hooks or catches that require unrealistic alignment and result in frequent service calls. Among the strongest and most secure in the industry, Trilennium® Multi-Point Locking Systems exceed Grade 30—300 ft-lbs x 2 of impact, per ASTM E 2395.

Installation that’s Forgiving.
When a door unit leaves the shop, it can be perfect. But you can’t control the rough opening, or what happens over time. Out of plumb. Out of square. Or worse. That’s where we come in. Trilennium’s patented system of bolts and roller strikes draws the door back into perfect alignment, correcting imperfections up to 3/16” in three directions.

Shop Friendly.
Solid one-piece construction means no finicky lock pre-assembly before installing the lock in the door. The lock arrives ready to drop into a routed door stile. Faster set-up, fewer steps in the shop and more accurate machining save time and money.

Easy to Own.
Premium hardware is available for any door system in styles to match every décor. Unlike European-style systems, Trilennium® operates intuitively: a single turn of the key or thumb-turn activates all three deadbolts smoothly. Plus, with the Panic Release feature, just one turn of the interior lever deactivates all three bolts at once for even easier operation.

Angled Shoulder on Bolt engages Roller Strike

Heavy-duty rails with precise router carrier, guides, bridges, stops and cross-bore guides make installation simple and flawless.

Panic Release opens the lock with a single downward turn of the interior lever.
**ENTRY SOLUTIONS SINGLE & ACTIVE PANEL SOLUTIONS**

**3000 Series**
- Single Door Active Panel of Double Door
- Book Edge
- 1” Face Plate

**3070 Series**
- Single Door Active Panel of Double Door
- Proud Edge
- 7/8” Face Plate

**3500 Series**
- Double Door Active Panel
- 1” Face Plate

**3020 Series**
- Double Door Inactive Panel
- 1” Face Plate

**3020 BENEFITS:**
- 7-Point Locking (with 3500)
- Inactive Panel Operated by Handset
- Patented I-Beam Construction for Inactive Panel

**3500 BENEFITS:**
- 5-Point Locking, enhanced strength and protection
- Patented I-Beam Construction
- Fights deflection, prevents & corrects panel misalignment
- Easy operation, now and in the years to come

**3500 OPTIONS & COMPATIBILITY FOR DOUBLE DOORS:**
- 3000 + 3070
- 3000 + 3500
- 3020 + 3000
- 3020 + 3070
- 3020 + 3500

**3500 STRIKE PLATE FINISHES**
- BRONZE
- VICTORIAN

**3020 OPTIONS & COMPATIBILITY FOR DOUBLE DOORS:**
- 3020 + 3000
- 3020 + 3070
- 3020 + 3500

**3020 STRIKE PLATE FINISHES**
- BRONZE
- VICTORIAN
- STEEL
- STAINLESS
- SATIN

**3000/3070 OPTIONS & COMPATIBILITY FOR DOUBLE DOORS:**
- 3000 + 3070 (with Dummy Astragal)
- 3000 + 3020 (with Dummy Astragal)

**3000/3070 BENEFITS:**
- Easy operation, now and in the years to come
- Fights deflection, prevents & corrects panel misalignment
- Patented I-Beam Construction

**3000/3070 FACE PLATE FINISHES**
- BRONZE
- VICTORIAN
- STEEL
- STAINLESS
- SATIN

**TRILENNIUM COMPATIBLE ASTRALGAL BENEFITS:**
- 5-Point Locking (with 3000/3070)
- Patented Flush Bolt, Floating Boot System - Enhanced sealing, forgiving installation
- Patented Flip Lever + Matching Dummy Handset for easy operation, consistent style
- Cost efficient - no extra materials needed, system pre-built within astragal.
- Easy assembly, installation - No extensive routing, System housed within astragal.

**TRILENNIUM ASTRALGAL OPTIONS & COMPATIBILITY FOR DOUBLE DOORS:**
- 3000
- 3070

**Endura Trilennium® Compatible Astragal**
- Double Door Inactive Panel
- Works with 3000 and 3070
- The Endura Trilennium® Compatible Astragal is an Endura Ultimate Astragal configured to work with Trilennium® locks. Two additional locking points and the unmistakable weather protection of the Ultimate Flip Lever™ Astragal combine with the strength and security of the Trilennium® Ultimate Flip Lever™ Lock series for a powerful French door solution.

**3000 Series**
- Proud Edge or Bull Nose door stiles.
- Better routing margins and fit for 7/8” Face Plate

**3070 Series**
- for more door panels.
- Allows specification

**Detail: Bolt Receiver**
- T rilennium handset operates inactive panel and delivers consistent style for inactive panel.

**Detail: Flip Lever**
- Patented Flip Lever seals the unit and operates inactive panel.

**Endura Trilennium® Compatible Astragal**
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Level One Trilennium® Hardware

The Trilennium Hardware collection combines elegant design with precision engineering for beautiful, reliable performance. Trilennium Hardware is available in entry, inactive and dummy functions.

Trilennium Hardware Lever Options

<table>
<thead>
<tr>
<th>Lever</th>
<th>Available in</th>
</tr>
</thead>
<tbody>
<tr>
<td>Eclipse</td>
<td>Satin, Bright Brass, Black</td>
</tr>
<tr>
<td>Pinnacle</td>
<td>Satin, Bright Brass, Black</td>
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<tr>
<td>Curved</td>
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<tr>
<td>Hartford</td>
<td>Satin, Bright Brass, Black</td>
</tr>
<tr>
<td>Rectangular</td>
<td>Satin, Bright Brass, Black</td>
</tr>
<tr>
<td>Eclipse and Pinnacle and Rectangular and Curved levers are interchangeable and available upon request on all new orders.</td>
<td></td>
</tr>
</tbody>
</table>

Level Two EMTEK®

EMTEK® brings interesting, well made hardware back into American homes. All EMTEK® Hardware is available for entry, patio, inactive and dummy functions.

EMTEK Lever Options

Available levers appear below escutcheon types.

Modern

- Armon
- Arlos
- Argos
- Athens
- Arden
- Argenta
- Argento
- Argo
- Argentio
- Argo

Stainless Steel

- Armon
- Arlos
- Arden
- Argenta
- Argento
- Argo

Rectangular & Arched

- Armon
- Arlos
- Arden
- Argenta
- Argento
- Argo

Finish Availability

- Modern: Stainless, Satin Nickel, Bright Brass
- Stainless Steel: Stainless, Satin Nickel, Bright Brass
- Rectangular & Arched: Stainless, Satin Nickel, Bright Brass

NOTE: EMTEK has a 3-5 week lead time. All sales are final.

Hardware® brings interesting, well made hardware back into American homes.
**NOTE:** Rocky Mountain Hardware levers have a 8-10 week lead time, and grips have a 10-12 week lead time. All sales are final.

**Grip Sets**

- Available in both one-piece and sectional* styles for entry, patio, inactive and dummy functions.

*Rear Door is not available in the Sectional Grip Set.

**Finnishes**

1. SK. ELECTRICAL BRONZE LIGHT
2. SK. ELECTRICAL BRONZE MEDIUM
3. SK. ELECTRICAL BRONZE DARK
4. SK. ELECTRICAL BRONZE BRUSHED
5. SK. ELECTRICAL BRONZE LIGHT GREEN
6. SCROLL BRONZE LIGHT GREEN
7. WHITE BRONZE LIGHT
8. WHITE BRONZE MEDIUM
9. WHITE BRONZE DARK
10. WHITE BRONZE BRUSHED

**TRILENNIUM® HARDWARE COLLECTION**

**Level Three Rocky Mountain Hardware**

- Carved Entry Set
- Rectangular Entry Set
- Stepped Entry Set
- Arched Entry Set
- Fleur De Lis Entry Set
- Arched Handle Grip Set

**Rocky Mountain Hardware Lever Options**

Each escutcheon may be combined with any of the following levers and is available in your choice of ten patina finishes.

- **TRILENNIUM**
- **4.**
- **3.**
- **5.**
- **9.**
- **8.**
- **7.**
- **4.**

**Head and Sill Receiver Kit**

Mounts in header and sill to receive flush bolts for Trilennium® 3500 and 3020 lock sets or Magnum Bolts.

- 1. High Performance Kit For 3500/3020
- 2. Standard Kit 3500/3020
- 3. Standard Kit 3020

**Outswing Sill Cup**

For use on outswing sill applications to provide a sealed locking point for the bottom flush bolt of the 3020 or Magnum.

**Dust Box**

Installs behind the strike plate to keep debris out and improve appearance.

**Panic Arm Conversion Kit**

Allows panic release feature to be disabled.

**Trilennium® Lever Spacer Kit**

Extends Trilennium® lever 1/2” out from the door panel for extra clearance on doors with decorative panels. Maximum two spacers can be used for 1” clearance.

**TRILENNIUM® ACCESSORIES**

**TRILENNIUM® HARDWARE COLLECTION**

**Architectural Coordinates**

- Eclipse Entrance Grip Template
- Victorian Pinnacle
- Eclipse Grip Template
- Victorian Arched Handle Grip Template
- Rocky Mountain Escutcheon Template
- Trilennium® Template Routing Systems

**Strike Plates**

1-3/4” and 2-1/4” strike plates are available.

Custom strike plates available up to 5-31/32” **

1. 1-3/4” Strike
2. Extended Strike 3 1/2”
3. Extended Strike 4 1/2”
4. Extended Strike 5 1/2”
5. Ends of Trilennium®/Compatible Strike 4”**

*Set up charge applies.

**RETROFIT**

- 19” VERSION FOR 8’+ DOORS
- 9” FOR 6’-8” DOORS
- 26” VERSION FOR 8’+ DOORS

**Also Available**

- Hardware 3500 Strike Template • KVAN 920C Strike Template • Eclipse Entrance Grip Template • Rocky Mountain Hardware Escutcheon Template

**FINISHES**

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PROVEN PERFORMANCE & QUALITY

TRILENNIUM® STRONG.

There is no comparison.

Don't Just Take Our Word For It.
With Trilennium, strength, quality and reliable performance are more than just marketing fluff. We’re committed to ensuring this performance through rigorous testing, competitive warranties and meticulous quality inspections to deliver a product you can proudly stand behind.

Top Quality. Our Promise.
When you order your handsets through Endura Products, we ensure that you receive the proper product to drive your system, regardless of your application. Our Quality Assurance group individually inspects each handle set for proper design, function, handing and finish. If an issue does arise, we’re standing by with spare parts on hand to repair or replace, saving you time and headaches.

Trilennium Testing Results
ASTM E 2395

<table>
<thead>
<tr>
<th>Test Description</th>
<th>Grade 10</th>
<th>Grade 20</th>
<th>Grade 30</th>
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<tbody>
<tr>
<td>Test 1, At Lock, Static Load</td>
<td>300 lbf</td>
<td>500 lbf</td>
<td>800 lbf</td>
</tr>
<tr>
<td>Test 2, At Lock and Corner, Static Loads</td>
<td>300 lbf</td>
<td>500 lbf</td>
<td>800 lbf</td>
</tr>
<tr>
<td>Test 3, At Lock, Impact Loads</td>
<td>300 ft-lb x 2</td>
<td>300 ft-lb x 2</td>
<td>300 ft-lb x 2</td>
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</tbody>
</table>

Specification ASTM E 2395 measures the resistance of the door assembly to forced entry by an intruder. The higher the grade the unit passes, the greater the unit’s strength, security and performance. Trilennium® Multi-Point Series 3000 and 3070 surpassed Grade 30 in dynamic entry testing.