Ballistic-resistant protection for critical infrastructure and equipment

**High level protection against security threats**
In response to today’s reality of security threats, AZZ offers ArmArrest ballistic-grade protection for your critical infrastructure against bullets and forced entry.

Our national security and economy depend upon a reliable electric power supply. Hardening the grid and protecting it from the effects of possible attacks is imperative. Impenetrable exteriors have become a priority for utilities nationwide, and a requirement for some following a mandate for the identification and protection of critical substations issued by the North American Electric Reliability Corporation (NERC).

**A proactive response and cost-effective solution**
Now is the time to modernize and protect your critical infrastructure and equipment with the strength, resistance, and efficiency of ArmArrest.

Our ballistic-grade standard offering is built to a UL-752 Level 4 rating for high level protection. However, AZZ can design and build any level up to a Level 8 rating depending on your needs. Factory-built, wired, and tested, AZZ’s ArmArrest protected enclosures require minimal on-site assembly for hassle-free installation, and provide a cost-effective alternative to concrete options.

**The option that is not an option in today’s world**
Whether mandated or proactive, your decision to protect your critical infrastructure and equipment with AZZ ArmArrest is a wise choice. It’s a security measure you hope will never be needed, and one no at-risk substation should be without for the sake of your operations and your customers.

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**Bullet and forced-entry resistant protection**
- Multiple design options for various applications
- Minimizes damage and prolongs service when a ballistic threat occurs
- All-welded ballistic barrier from grade to roof line
- Standard offering meets UL-752 Level 4 Rating
- Bullet-resistant steel door with forced-entry-resistant hinges
- Innovative solutions to protect areas of vulnerability, such as HVAC
- Corrosion resistant
- Paintable surface

**AZZ products featuring ArmArrest protection option**
- RuggedSpec™ Power Distribution Centers
- RuggedSpec Control Centers
- RuggedSpec Custom Enclosures
- PowerAisle® Medium Voltage Switchgear
- Arc-Resistant Switchgear
- Emergency Mobile Substations
- Mining Switchgear
**ArmArrest**

Ballistic-Resistant Steel Design

A continuous sheet of hardened ballistic-rated steel or ballistic paneling is used for each wall, creating a seamless ballistic barrier from grade to the roof line.

**Typical UL-752 Level 4 construction.**

- Bullet-resistant UL-rated steel door with forced-entry-resistant hinges.
- Robust framing systems for rigidity and strength.
- Fully insulated walls and ceiling.
- Innovative solutions to protect areas of vulnerability, such as HVAC.

**UL-752 Protection Level**

Our standard offering meets UL-752 Level 4 protection. However, AZZ can design and build any enclosure up to Level 8.

<table>
<thead>
<tr>
<th>Rating</th>
<th>Ammunition</th>
<th>Weight (grains)</th>
<th>Weight (grams)</th>
<th>Min FPS</th>
<th>Max FPS</th>
<th>Number of shots</th>
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<tbody>
<tr>
<td>Level 1</td>
<td>9mm Full Metal Copper Jacket with Lead Core</td>
<td>124</td>
<td>8.0</td>
<td>1175</td>
<td>1293</td>
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<td>.357 Magnum Jacketed Lead Soft Point</td>
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<td>1375</td>
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<td>Level 3</td>
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<td><strong>Level 4</strong></td>
<td><strong>.30 Caliber Rifle Lead Core Soft Point (.30-06 Caliber)</strong></td>
<td><strong>180</strong></td>
<td><strong>11.7</strong></td>
<td><strong>2540</strong></td>
<td><strong>2794</strong></td>
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<tr>
<td>Level 5</td>
<td>7.62mm Rifle Lead Core Full Metal Copper Jacket Military Ball (.308 Caliber)</td>
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<td>9.7</td>
<td>2750</td>
<td>3025</td>
<td>5</td>
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**AZZ Enclosure Systems**

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