

# ArmArrest™

Ballistic-resistant protection for critical infrastructure and equipment



## High-level protection against security threats

Our national security and economy depend upon a reliable electric power supply. Hardening the grid and protecting it from possible attacks with impenetrable exteriors have become imperative for utilities nationwide. In fact, following a mandate for the identification and protection of critical substations issued by the North American Electric Reliability Corporation (NERC) it's now a requirement. In response to today's reality of security threats, Avail Enclosure Systems offers ArmArrest ballistic-grade protection for critical infrastructure against bullets and forced entry.

## A proactive response and cost-effective solution

Modernize and protect critical infrastructure and equipment with the enhanced strength, resistance, and efficiency of ArmArrest. Our ballistic-grade standard option meets UL-752 Level 4 with the capability to manufacture up to a UL-752 Level 8 rating. Factory-built, wired and tested before delivery, ArmArrest enclosures require minimal on-site assembly for hassle-free installation and a cost-effective alternative to concrete options.

## A security measure that's increasingly not an option

Whether mandated or proactive, protecting critical infrastructure and equipment with ArmArrest mitigates the risk of physical security threats including armed fire, forced entry, and ominous storms. And, Avail Enclosure Systems has the unique ability to quote, build, and deliver faster to meet the most demanding schedules.



## Bullet and Forced-Entry Resistant Protection

- Multiple design options to fit specific applications
- Minimizes damage and prolongs service when a ballistic threat occurs
- Ideal for protecting areas of vulnerability, such as HVAC
- All-welded ballistic barrier from grade to the roofline
- Standard offering meets UL-752 Level 4 Rating
- Bullet-resistant steel door with forced-entry-resistant hinges
- Corrosion-resistant
- Paintable surface

## Avail Products Featuring ArmArrest Protection Option

- RuggedSpec II™ Power Distribution Centers
- RuggedSpec II Control Centers
- RuggedSpec II Custom Packaged Equipment Centers
- PowerAisle® Medium Voltage Switchgear
- Arc-Resistant Switchgear
- Emergency Mobile Substations
- Mining Switchgear

## 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 roofline

Bullet-resistant UL-rated steel door with forced-entry-resistant hinges

Innovative solutions to protect areas of vulnerability, such as HVAC

Robust framing systems for rigidity and strength

Fully insulated walls and ceiling

Typical UL-752 Level 4 construction



[availinfra.com/enclosure-systems](http://availinfra.com/enclosure-systems)

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## UL-752 Protection Level

Our standard offering meets UL-752 Level 4 protection with the capability to manufacture up to a UL-752 Level 8 rating.

Rating	Ammunition	Weight (grains)	Weight (grams)	Min FPS	Max FPS	No. of shots
Level 1	9mm Full Metal Copper Jacket with Lead Core	124	8.0	1175	1293	3
Level 2	.357 Magnum Jacketed Lead Soft Point	158	10.2	1250	1375	3
Level 3	.44 Magnum Lead Semi-Wadcutter Gas Checked	240	15.6	1350	1485	3
<b>Level 4</b>	<b>.30 Caliber Rifle Lead Core Soft Point (.30-06 Caliber)</b>	<b>180</b>	<b>11.7</b>	<b>2540</b>	<b>2794</b>	<b>1</b>
Level 5	7.62mm Rifle Lead Core Full Metal Copper Jacket Military Ball (.308 Caliber)	150	9.7	2750	3025	1
Level 6	9mm Full Metal Copper Jacket with Lead Core	124	8.0	1400	1540	5
Level 7	5.56mm Rifle Full Metal Copper Jacket with Lead Core (.223 Caliber)	55	3.56	3080	3383	5
Level 8	7.62mm Rifle Lead Core Full Metal Copper Jacket Military Ball (.308 Caliber)	150	9.7	2750	3025	5