

## MODEL MGE

### PART 1 - GENERAL

### PART 2 - PRODUCTS

**(2.01) BULLET RESISTANT MODULAR GUARD ENCLOSURE PANEL ASSEMBLIES:** Standard MGE panel assembly with UL label by Chicago Bullet Proof Systems, 12 E. Old Mill Lane, Burr Ridge, IL 60527 tel: 800.690.9160, fax: 312.492.7406. *Non-UL labeled assemblies are not acceptable.*

- A. Chicago Bullet Proof Systems Standard MGE Panel Assembly with UL label for assembly. MGE panel shall be constructed from UL listed Shot-Tex bullet-resistant steel and shall bear a UL label.
- B. Finish: All exposed welds shall be ground smooth and assembly shall be given a spray coat of rust-inhibiting primer at the factory.
- C. Frame: Frame profile shall have a 2 inch face dimension by 5-1/2 inch depth. Corners shall be mitered, welded and ground smooth. Frames shall be prepped for mounting to adjacent walls and corner posts and shall be supplied with connectors for installation.
- D. Doors: Doors shall be of all welded construction. Doors are 1-3/4 inches thick with 1/8 inches thick internal reinforcing channels.
- E. Preparation: Door/Frame assembly shall be mortised, reinforced, drilled and tapped at the factory in preparation for mortise lockset.
- F. Hardware and Accessories: Provide the assembly manufacturer's standard door package hardware and accessories, including:
  - 1. Sargent 8204 mortise lockset with LNJ lever trim or equal.
  - 2. A Yale 4400 heavy duty closer.
  - 3. Continuous CBP #12252 stainless steel bullet-resisting hinge shall be drilled and tapped at the factory.
  - 4. Other hardware shall include 3 Glynn-Johnson #64 silencers and 6 adjustable strap anchors for masonry walls.
  - 5. Other options: **Electric Strike**, Folger Adam 310-2-3/4, 24VAC. x LCBMA x (satin chromium)finish. (Note: Access control and transformer for electric strike are supplied by installer) **Insulation** is batt type fiberglass. **Threshold** of extruded aluminum with mill finish. **Weather-stripping** at head and jambs with self-adhesive silicone seal. **EMA prep:** manufacturer provides bolt and screw anchor preparation and proper frame reinforcement. (Note: Bolt or screw anchors are provided by installer)
- G. Vision panel: Vision panel shall be \_\_\_\_\_ inches wide by \_\_\_\_\_ inches high with flush appearance on threat side and applied glazing stops on the protected side. Stops shall have mitered corners and the same finish as the door.

- H. Glass Armor: UL 752 listed bullet resistant transparent laminated type glass (or type glass clad polycarbonate) of \_\_\_\_\_(see below) thickness and UL listed level\_\_\_\_\_(see below). Manufacturer shall furnish acoustic rubber spacers. All other glazing materials shall be provided by glazier.

<u>Glass Thickness</u>	<u>Glass Clad Polycarbonate</u>	<u>UL level*</u>
1-3/16"	3/4"	level 1
1-1/2"	1"	level 2
1-3/4"	1-3/16"	level 3
2"	1-1/4"	level 4
	2-3/8"	level 5
	2-3/8"	level 8

- I. MGE panel assembly shall be UL listed and labeled to ballistic levels defined in the Standard for Safety UL 752 for level\* \_\_\_\_\_(select one: level 1, level 2, level 3, or level 4)

*\* Consult CBP's list of UL label definitions to select the best level for your application.*

### **PART 3 - EXECUTION**