

# OBSIDIAN ARMORY EMBASSY SERIES

DESIGNED FOR LOCATIONS AT HIGH RISK OF FORCED ENTRY

**Obsidian Armory Embassy Series** is forced entry resistant and designed to withstand entry from highly skilled attackers using heavy-duty tools such as sledge hammers, crow bars, wrenches, and wedges. It was tested at NTS Chesapeake in Belcamp, MD and Intertek in York, PA to the US State Department (DoS) forced entry standard at the 5 minute level (FE 5) and at the iFT Rosenheim laboratory in Germany and was awarded a Security Class 3 (RC 3) rating according to European standard EN1627. **Obsidian Armory Embassy Series** was also tested for bullet resistance to UL752 level 3 and NIJ level IIIA, and European standard EN1522 level FB4. The door is suitable for private houses, apartments and commercial buildings.

## TECHNICAL SPECIFICATIONS

- Door constructed from 16 AWG steel
- Frame constructed from 12 AWG steel
- Armored multi-point locking system with up to 16 locking points  $\frac{3}{4}$ "  $\varnothing$
- Lock encased in drill resistant manganese
- UL752 level 3, NIJ level IIIA - optional
- Door thickness: 3" (75mm)
- Frame thickness: 4" (100mm)
- Welded, adjustable ball bearing security hinges
- $\frac{1}{2}$ " (12mm) or  $\frac{3}{4}$ " (18mm) thick decorative panels
- 2" of rock wool for sound and thermal insulation
- Door is pre-hung in the frame
- L-shaped frame profile that protects locking
- Frame is secured in the wall using 16 bolts protected by 1" steel shims
- Inswing or outswing
- Unlimited design and glass options



FE SD-STD.01.01 REV. G.

## HARDWARE

- High security bump and pick resistant Mul-T-Lock cylinders
- Drill resistant cylinder defenders
- Available lock options: Mottura 85 series (mechanical) or Fiam X1R (motorized)
- Lockout function – optional with mechanical lock only

## DIMENSIONS

- Height: up to 110" (depending on decorative panels)
- Width: up to 49"
- Inswing or outswing

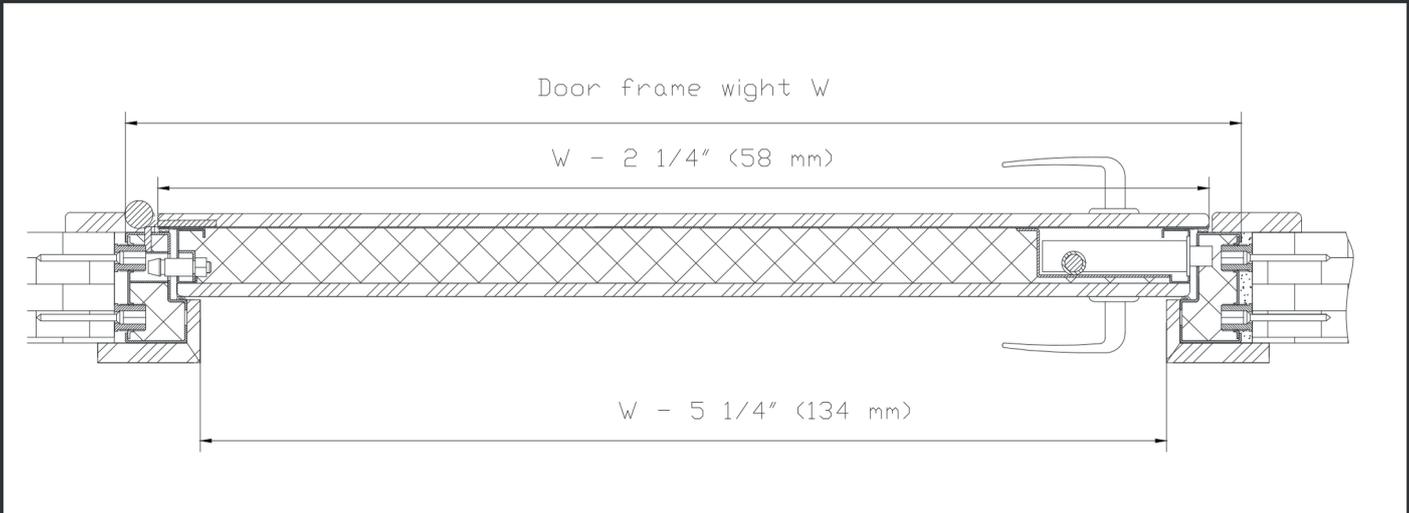


INSWING TEST    OUTSWING TEST





## CROSS SECTIONS



## INSTALLATION FAQ

- **Obsidian Armory Embassy Series** comes as a pre-hung door set and includes frame, locks, cylinders, handles, hinges, and hardware.
- It can be installed by any licensed GC or door installer.
- No specialized training or tools required!
- A 1/2" to 3/4" gap is required on all sides between the frame and wall (rough opening).
- **Obsidian Armory Embassy Series** frame is designed to adapt to crooked walls and openings.
- For detailed instructions, download our installation manual.

