



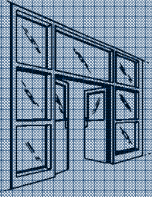
Engineered Steel Doors and Frames - since 1954  
[www.habershammetal.com](http://www.habershammetal.com)

# FE/BR DOS Certifications

## FE/BR Product Information

## FE/BR Installation Instructions

<b>Products</b>	<b>Habersham Model #</b>	<b>DOS Model #</b>
5 min Doors and Frames	N/A	N/A
15 min Single Pain Window	HMP-SP-001	GWV-15R-HMP-01
15 min Mullion Connection	HMP-ML-1500	GML-15R-HMP-01
15 min Teller Window	HMP-TW-1500	GWT-15R-HMP-01
15 min Opaque Panel	HMP-OP-1500	GDO-15R-HMP-01
15 min Single Vision Door	HMPFEBR15	GDT-15R-HMP-01
15 min Stainless Door TR	HMPFEBR15A	GDT-15R-HMP-02
15 min Double Vision Door	HMPC-FEBR-15PR	GDD-15R-HMP-01
60 min Single Door	HMPC-FEBR-60	GDO-60R-HMP-01
60 min Double Door	HMPC-FEBR-60PR	GDD-60R-HMP-01
60 min Louver Assembly	HMP-LV-6000	GPL-60R-HMP-01



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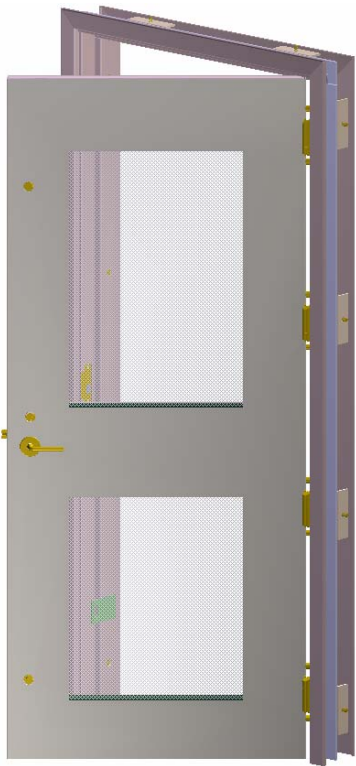
## **ENGINEERED STEEL DOORS AND FRAMES**

P.O. Box 739 • 264 Stapleton Road • Cornelia, GA 30531

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## **FORCED ENTRY BALLISTIC RATED (FE/BR) PRODUCTS**

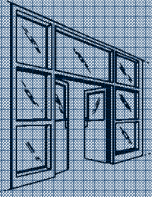


Habersham Metal Products Forced Entry Ballistic Rated (FE/BR) product line includes a variety of applications for 5 minute, 15 minute and 60 minute U.S. Department of State rated door/frame assemblies, window applications, mullion connection and pan construction.

Habersham's FE/BR products are engineered to meet the rigorous testing requirements set forth by the DOS. Our engineers design these and all of our detention products with the ingrained culture, established over our 50 year history, that Habersham builds "life safety products" to meet and exceed our clients' needs. Through DOS, ASTM, HMMA, UL and in-house testing developments, the protection of the end user is and will continue to be the primary focus of Habersham's management approach, manufacturing processes and designs.

- Habersham provides a complete package of security glazing, hardware and claddings to suit the project design.
- Design/build services – We will work with the contractor, owner, architect and engineers upfront to insure that the product delivered and installed is one that serves its functional intention.
- Sub-frame and embed delivery dates are key milestones in the structure phase of your project. The Habersham project management and production team takes pride in our track record of products on schedule.
- Habersham also offers installation, controls, hardware scheduling, professional engineering services, detention and security consulting and detention hollow metal doors, frames and windows for correction facilities throughout North America, the Caribbean and Southeast Asia.





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## ***ENGINEERED STEEL DOORS AND FRAMES***

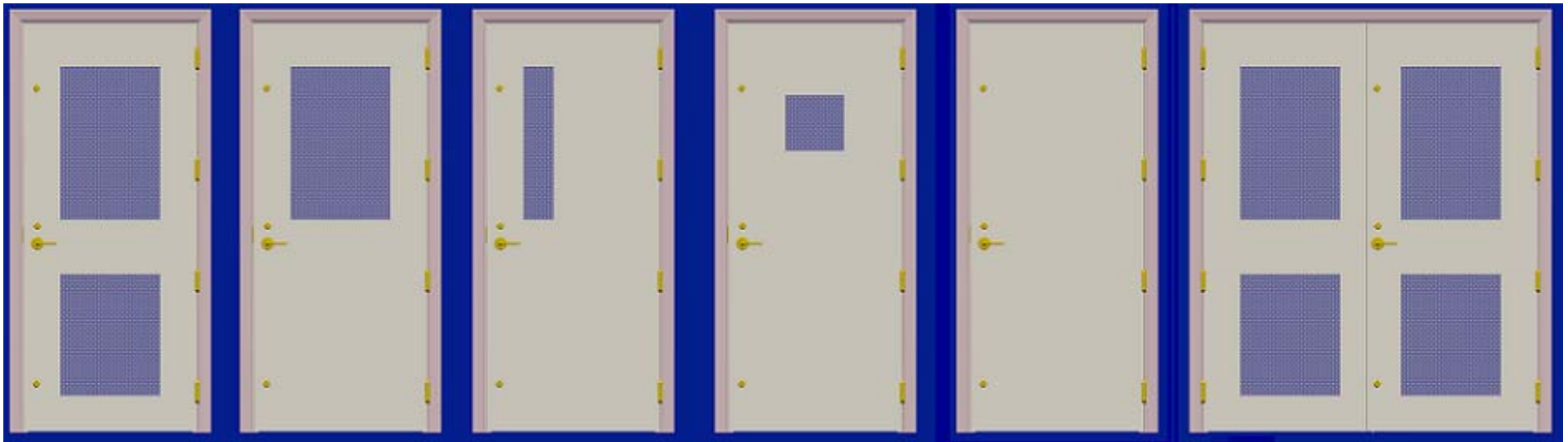
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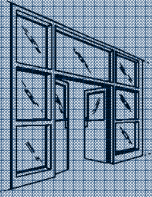
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## **15 MINUTE FE/BR DOOR FRAME ASSEMBLIES**

- Forced Entry Rated up to 15 minutes in accordance with Department of State certification standard number SD-STD-01.01 Rev. G (Revised.)
- Ballistics Rated for 7.62 mm and 5.56 mm Military Rifles, also in accordance with SD-STD-01.01 Rev. G (Revised).
- Available in Pair Swing or Single Swing configurations.
- Available with one (1) or two (2) glazed vision panels in each door utilizing 15 minute FE/BR Rated Glazing.
- Available with choices of various passage lock sets and fire exit hardware to suit project specifications.
- Door Frame Assembly is provided with fast acting 15 Minute FE/BR Rated Locks by Habersham.
- Embed anchor systems are engineered to receive Door and Frame Units that are provided pre-hung and pre-adjusted for installation into prepared wall openings.





# Habersham Metal Products Company



## **ENGINEERED STEEL DOORS AND FRAMES**

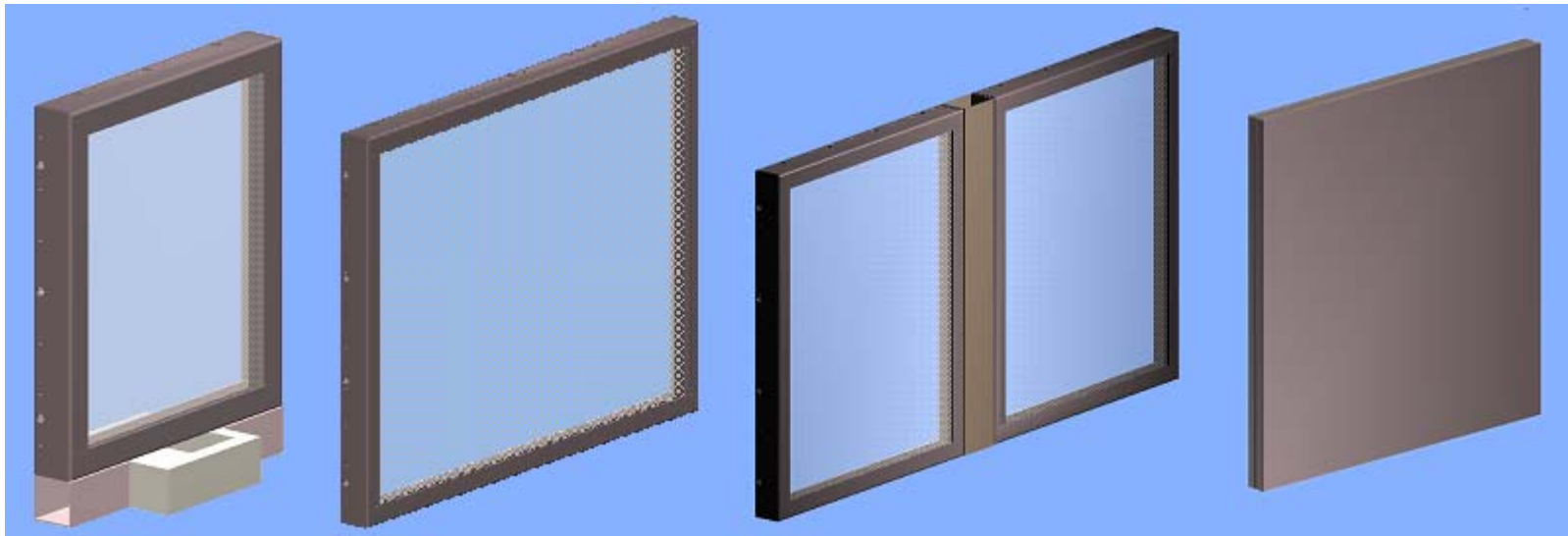
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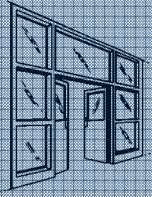
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## **15 MINUTE FE/BR WINDOW SYSTEMS**

- Forced Entry Rated up to 15 minutes in accordance with Department of State certification standard number SD-STD-01.01 Rev. G (Revised).
- Ballistics Rate for 7.62 mm and 5.56 mm Military Rifles, also in accordance with SD-STD-01.01 Rev. G (Revised).
- Available with vision panels utilizing 15 Minute FE/BR Rated Glazing.
- Available with Blast Rating.
- Available in FE/BR Rated mullioned configurations that combine to form large sectional vision systems.
- Available with FE/BR Rated opaque panels that can be incorporated into large sectional systems that combine vision and opaque features such as: knee walls and half height wall systems utilizing the opaque panels with vision panels above.
- Available as an FE/BR Rated Teller Window with Ballistics Absorbing Paper Pass to prevent personnel on the safe side from being wounded by reflected ballistics (ricochets) or shrapnel.
- Embed anchor systems are engineered to receive Window Units that are provided pre-glazed and with opaque panels pre-installed for installation into prepared wall openings.





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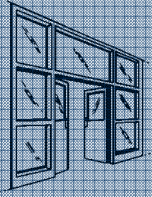
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## **60 MINUTE FE/BR DOOR ASSEMBLIES and LOUVERS**



- Forced Entry Rated up to 60 minutes in accordance with Department of State certification standard number SD-STD-01.01 Rev. G (Revised).
- Ballistics Rate for 7.62 mm and 5.56 mm Military Rifles, also in accordance with SD-STD-01.01 Rev. G (Revised).
- Available in Pair Swing or Single Swing configurations.
- Available with choices of various passage lock sets and fire exit hardware to suit project specifications.
- Door/Frame Assembly is provided with fast acting 60 Minute FE/BR Rated Locks by Habersham.
- Embed anchor systems are engineered to receive Door and Frame Units that are provided pre-hung and pre-adjusted for installation into prepared wall openings.





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## **5 MINUTE FE/BR DOORS WITH VISION PANELS**

- Forced Entry Rated by virtue of the most recent Department of State specification which allows 5 minute doors to be certified under ASTM F1450 and vision system frames to be certified under ASTM F1592. Habersham provides certified F1450 Grade #1 doors and F1592 Grade #1 vision systems for 5 minute Force Entry (FE) rated openings.
- Ballistics Ratings are available for UL-752, Level 3, .44 Magnum Handgun, utilizing the Habersham 5 Minute FE (ASTM F1450, Grade #1 door construction. Higher BR ratings are available through upgrades to the 15 Minute FE/BR product lines.
- Available in Pair Swing or Single Swing configurations.
- Available with one (1) or two (2) glazed vision panels in each door utilizing 5 Minute FE Rated Glazing with the option of BR ratings upon request.
- Available with choices of various passage lock sets and fire exit hardware to suit day-to-day operation.
- The Single door or the Active Leaf of the Pair is provided with two (2) fast acting 5 Minute FE/BR Rated Locks by Habersham which quickly lock into the strike jamb of the frame, or in the case of the pair configuration, into the inactive door leaf. The locks are encased inside the door for maximum protection and tamper resistance, but are accessible for maintenance or replacement through access plates in the door edge.
- Habersham furnishes the inactive leaf of the pair with a unique 5 Minute FE/BR Rated Locking System which is equipped with fast single point of operation. The locking system is accessible through an access cover plate on the safe side of the door for maintenance or replacement.