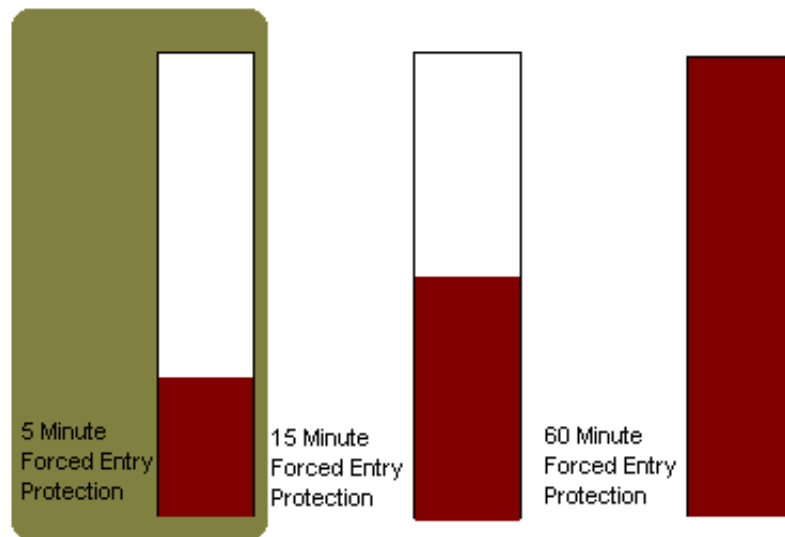


Fabrication Designs, Inc.

# 5 MINUTE FE PRODUCTS

*Doors, Fixed Windows, Teller Windows*



## **5 Minute FE Requirements:**

- 2 Person Attack Team
- 5 Minute Forced Entry Attempt on Each Vulnerable Location of the System
- Prevents Passage of Rigid 12" x 12" x 8" Rectangular Box or Rigid 12" x 12" Cylinder



## Product Description

The FDI05M Forced Entry Resisting Door System is designed to provide 5 minutes of forced entry protection from a variety of tools.

## Basic Use

Use this door system to provide protection in those applications where a forced entry threat exists. It is recommended that this door be used in conjunction with protected wall areas.

## Limitations

This door has been designed to meet the 5-minute forced entry requirements as set forth in DOS SD-STD-01.01, Rev.G (amended). It is recommended that each end user determine the forced entry threat and choose the correct product to meet and resist that threat.

### *Single Vision FDI-05M*

### **FDI-05M**

- |          |                           |
|----------|---------------------------|
| w/Vision | • DOS 1141 GDT-05N-FDI-01 |
| Opaque   | • DOS 2141 GDO-05N-FDI-01 |

## Construction

Doors and frames are constructed of 11-gauge steel components welded together. Each door will have 11 gauge vertical and horizontal steel stiffeners. Top and bottom of door are flush with face sheets.

## Specifications

Door construction: Doors are constructed of steel plates, and steel tubes.

Door Frame Construction: Door frame assembly is constructed of steel tubes. Framing dimensions are 2" wide x 5" deep. Door frames are completely fabricated at factory and shipped with doors attached. All doors are pre-tested for all locking functions, clearances, and ease of operation, to ease field installation. All joint connections are welded to provide a rigid assembly when installed. The doorstop is built into the frame. Frames are predrilled to accept ½" anchors 12" on center. Shims are provided to take up a space at each anchor. Wiring diagrams are shipped enclosed in the hardware

Hardware Assembly: Each door is equipped as follows:

- Door Closer (LCN 4041 CUSH)
- (2) Forced Entry Locks (Adams Rite 1850S w/ 15tt Thumbturns)
- Continuous Hinge (Roton 780112HD)
- Aluminum Threshold (Pemko 177AV36)
- Weather Stripping (Pemko SS88D17)

Optional Hardware: Refer to the hardware section of this catalog for additional hardware information. You must select a lockset, pull handle, or panic device that suits your application. Most hardware is shipped pre-assembled with the door unit.

Subframes: To meet forced entry requirements of DOS SD.STD-01.01 (Rev. G amended), steel tube subframes ¼" wall thickness minimum, must be attached to concrete or masonry with Hilti® Epoxy Anchoring System. An acceptable alternative is the use of steel embeds, ½" thick minimum. These systems are included as options in our product line.

Finish: All doors and frames are furnished prime painted, ready for final finish in field. Options: Factory can apply polyurethane enamel; color chart is available upon request. Doors can also be fitted with various types of architectural metals.

Glazing: Glazing materials shall be of a type approved by H.P. White Laboratory, Inc. for forced-entry resistance. Size on standard 3' x 7' doors is to be limited to 21" x 29 1/2" vision area. The height of the top vision will increase or decrease as the door height is altered. Glazing is replaceable without removing the door from the frame.

## Shipping Weight

### Standard 3'0" x 7'0" Door

Available Styles:

Opaque: 1126 lbs. / 511 kgs.

Double Vision: 1234 lbs. / 560 kgs.



### Glazing

Glazing Materials shall be of a type approved by H.P. White Laboratory for Forced entry.

### Limitations

The Fixed Window Series (FDI-FW05M) was primarily developed to compliment the FDI05M series in those areas where non-transactional type glazing was required. The Teller Window Series (FDI-TW05M) was primarily developed to compliment the FDI05M door series and the FDI-FW05M fixed window in those areas where additional, transactional type glazing is required. This sturdy and boldly designed unit is capable of withstanding repeated physical assaults.



**FDI-TW05M**  
**With Deal Tray**

#### FDI-TW05M

- DOS 1141 GWT-05N-FDI-01

#### FDI-FW05M

- DOS 1141 GWV-05N-FDI-01

### System Construction

1. Frame assembly is constructed of steel angles and tubes. Framing dimensions are 2 ¼” wide by 5” deep.
2. Frames are fabricated and shipped completely glazed ready for installation
3. All joint connections are welded to provide a rigid assembly when installed
4. Frames are pre-drilled to accept ½” anchors 8” on center
5. For TW: Steel counter complete with stainless steel tray 12” deep and loose-shipped intercom

### Sizes

All window units are made to order

### Openings

Standard rough opening is required to be 3/8” to ½” larger than window frame dimension.



**FDI-FW05M**

### Finish

Standard: All steel window frames are furnished prime painted.

Optional: Factory applied enamel can be provided. Also, aluminum trim in clear and bronzed anodized, bronze, stainless steel and brass are available for a premium. Contact factory for information.

### Shipping Weight (approximate)

Per Square Foot: 22 lbs. / 10 kgs.

For TW Counter, add 24 lbs. / 11 kgs. Per linear ft. (width)

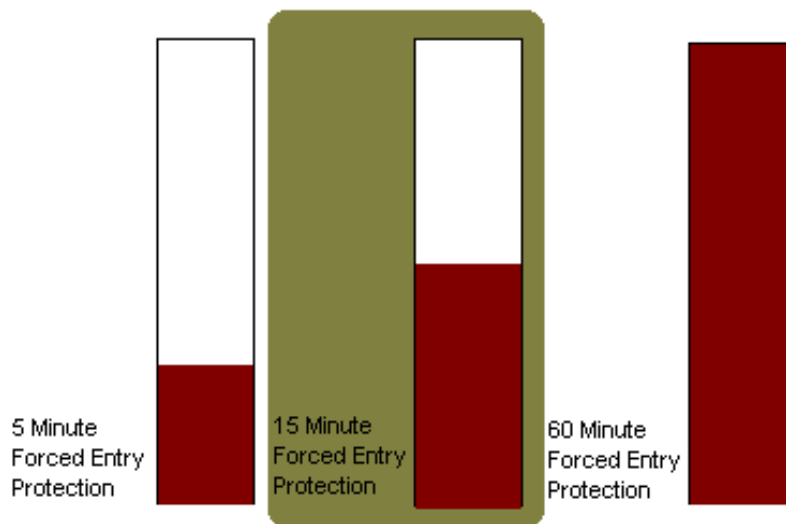
Available Window Styles:



**Fabrication Designs, Inc.**

# 15 MINUTE FE/ BR PRODUCTS

*Doors, Deal Tray Doors, Door Pairs, Mullions, Fixed Windows, Teller Windows, Opaque Panels*



## **15 Minute FE/BR Requirements:**

- 6 Person Attack Team
- 15 Minute Forced Entry Attempt on Each Vulnerable Location of the System
- Prevents Passage of Rigid 12" x 12" x 8" Rectangular Box or Rigid 12" x 12" Cylinder
- Resists 5.56 & 7.62 Military Rifle Ballistic Shots

**October 2002**

**Product Description**

The FDI15M and FDI-NGC15M Forced Entry Resisting Door Systems are capable of resisting 15 minutes of forced entry assault and defeating multiple impacts of 5.56 and 7.62mm NATO projectiles as defined by applicable U.S. Government Standards.

**Basic Use**

This door system is used to provide protection in those areas susceptible to mob or terrorist attacks. Applications are likely to be at main security access control points and at other designated egress points.

**Limitations**

This door has been designed to meet the high power rifle and 15-minute forced entry requirements as set forth in DOS SD-STD-01.01, Rev.G (amended). It is recommended that each end user determine the forced entry threat and choose the correct product to meet and resist that threat.



**FDI-NGC15M /1-DT**  
*Single Vision With Deal Tray*

**FDI-215M**

- w/Vision • DOS 1123 GDD-15R-FDI-02
- Opaque • DOS 2123 GDD-15R-FDI-01

**FDI-15M**

- w/Vision • DOS 1123 GDT-15R-FDI-01
- Opaque • DOS 2123 GDO-15R-FDI-01

**FDI-NGC215M**

- w/Vision • DOS 1123 GDD-15R-FDI-02A
- Opaque • DOS 2123 GDD-15R-FDI-01A

**FDI-NGC15M**

- w/Vision • DOS 1123 GDT-15R-FDI-02
- Opaque • DOS 2123 GDO-15R-FDI-01A

**FDI-NGC15M/1-DT**

- w/Vision & Deal Tray • DOS 1123 GDX-15R-FDI-01

**Specifications/Construction**

Door construction: Doors and frames are full flush construction of ballistic steel plates and steel tube. Vertical jambs and header contain bullet-resisting material equal to protection level of the door.

Door Frame Construction: Door frame assembly is constructed of steel tubes. Framing dimensions are 2” wide x 5 ½” deep. Door frames are completely fabricated at factory and shipped with doors attached. All doors are pre-tested for all locking functions, clearances, and ease of operation, to ease field installation. All joint connections are welded to provide a rigid assembly when installed. The doorstop is built into the frame. Frames are predrilled to accept ½” anchors 12” on center. Shims are provided to take up a space at each anchor. Wiring diagrams are shipped enclosed in the hardware packages.

Hardware Assembly: Each door is equipped as follows:

- a. Door Closer (LCN 4041 CUSH)
- b. (2) Forced Entry Locks (Adams Rite 1850S w/ 15tt Thumbturns)
- c. Continuous Hinge (Roton 780112HD)
- d. Aluminum Threshold (Pemko 177AV36)
- e. Weather Stripping (Pemko SS88D17)

Optional Hardware: Refer to the hardware section of our website for additional hardware information. You must select a lockset, pull handle, or panic device that suits your application. Most hardware is shipped pre-assembled with the door.

Subframes: To meet forced entry requirements of DOS SD.STD-01.01 (Rev. G amended), steel tube subframes ¼” wall thickness minimum, must be attached to concrete or masonry with Hilti® Epoxy Anchoring System. An acceptable alternative is the use of steel embeds, ½” thick minimum. These systems are included as options in our product line.

Finish: All doors and frames are furnished prime painted, ready for final finish in field. Options: Factory can apply polyurethane enamel; color chart is available upon request. Doors can also be fitted with various types of architectural metals.

Glazing: Glazing materials shall be of a type approved by H.P. White Laboratory, Inc. for forced-entry and bullet resistance. Size on standard 3’ x 7’ doors is to be limited to 19 1/4” x 30 1/2” vision area. The height of the top vision will increase or decrease as the door height is altered. Glazing is replaceable without removing the door from the frame.

**Shipping Weight**

Standard 3’0” x 7’0” Door

Opaque: 1430 lbs. / 649 kgs. Double Vision: 1574 lbs. / 714 kgs.

Available Styles:

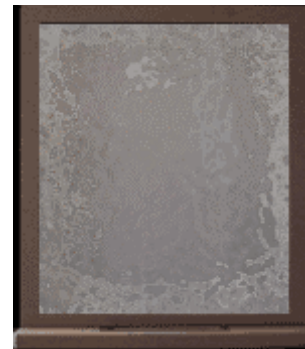


**Glazing**

Glazing Materials shall be of a type approved by H.P. White Laboratory for forced entry and bullet resistance.

**Limitations**

The FDI-FW15M Fixed Window Series was primarily developed to compliment the FDI 15 Minute door series in those areas where forced entry, bullet resistant type glazing was required. The FDI-TW15M Teller Window Series was primarily developed to compliment the FDI 15 Minute door series and FDI-FW15M fixed window in those areas where transaction type glazing is required. This sturdy and boldly designed unit is capable of withstanding repeated physical assaults and multiple impacts.



**FDI-TW15M  
With Deal Tray  
(Textured Glass Shown)**

**FDI-NGC15M/FDI-FW15M (15M Door w/ Sidelight Mullion)**

- DOS 1123 GML-15R-FDI-01

**FDI-TW15M**

- DOS 1123 GWT-15R-FDI-01A

**FDI-FW15M**

- DOS 1123 GWV-15R-FDI-02

**FDI-OP15M (Opaque Panel)**

- DOS 1123 GPS-15R-FDI-01

**Construction**

1. Frame assembly is constructed of steel plates, angles and tubes. Framing dimensions are 2 1/4" wide by 5" deep.
2. Frames are fabricated and shipped completely glazed ready for installation
3. All joint connections are welded to provide a rigid assembly when installed
4. The caulk space is protected against ballistic and physical assault
5. Frames are pre-drilled to accept 1/2" anchors on 8" center as required
6. For TW: Steel counter 12" deep with stainless steel tray and loose-shipped intercom
7. Steel sub frame recommended; embeds can be used as an alternative

**Sizes**

All windows are made to order.

**Openings**

Standard rough opening is required to be 3/8" to 1/2" larger than the window frame dimension.



**Single Vision  
FDI-NGC15M  
With Sidelight Mullion  
(Textured Glass Shown)**

**Finish**

Standard: All window frames are furnished prime painted

Factory applied polyurethane enamel can be provided. Also, aluminum trim in Clear and Bronze, Stainless Steel, and Brass are available at a premium. Contact factory for information.

**Shipping Weight (approximate) / Windows Only**

Per Square Foot: 44 lbs. / 20 kgs. for TW counter:  
add 24 lbs. / 11 kgs. Per linear ft. (width)

Available Mullion Styles:



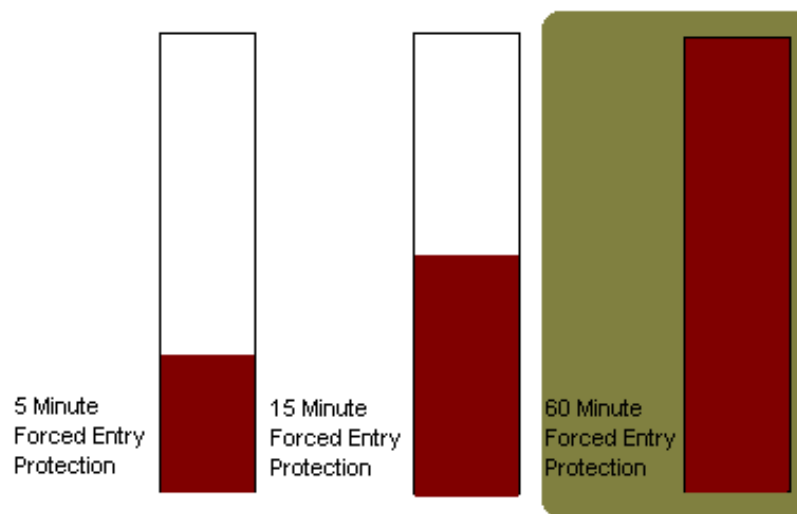
Available Window Styles:



Fabrication Designs, Inc.

# 60 MINUTE FE/ BR PRODUCTS

*Doors, Door Pairs, Louvers*



## **60 Minute FE Requirements:**

- 6 Person Attack Team
- 60 Minute Forced Entry Attempt on Each Vulnerable Location of the System
- Prevents Passage of Rigid 12" x 12" x 8" Rectangular Box or Rigid 12" x 12" Cylinder
- Resists 5.56 & 7.62 Military Rifle Ballistic Shots

October 2002

**FDI-60M**

## Product Description

The FDI-60M and FDI-260M Forced Entry Resisting Door Systems are capable of resisting 60 minutes of forced entry assault and defeating multiple impacts of 5.56 and 7.62mm NATO projectiles as defined by applicable U.S. Government Standards.

## Basic Use

This door system is used to provide protection in those areas susceptible to mob or terrorist attacks. Applications are likely to be at safe haven rooms where prolonged protection is required.

## Limitations

This door has been designed to meet the high power rifle and 60-minute forced entry requirements as set forth in DOS SD-STD-01.01, Rev.G (amended). It is recommended that each end user determine the forced entry threat and choose the correct product to meet and resist that threat.

### FDI-60M

Opaque

- DOS 2133 GDO-60R-FDI-01

### FDI-260M

Opaque

- DOS 2133 GDD-60R-FDI-01

## Specifications/Construction

**Door construction:** Doors and frames are full flush construction of ballistic steel plates and steel tube. Vertical jambs and header contain bullet-resisting material equal to protection level of the door.

**Door Frame Construction:** Door frame assembly is constructed of steel tubes. Framing dimensions are 2" wide x 5 1/2" deep. Door frames are completely fabricated at factory and shipped with doors attached. All doors are pre-tested for all locking functions, clearances, and ease of operation, to ease field installation. All joint connections are welded to provide a rigid assembly when installed. The doorstop is built into the frame. Frames are predrilled to accept 1/2" anchors 12" on center. Shims are provided to take up a space at each anchor. Wiring diagrams are shipped enclosed in the hardware packages.

**Hardware Assembly:** Each door is equipped as follows:

- Door Closer (LCN 4041 CUSH)
- (3) Forced Entry Locks (Adams Rite 1850S w/ 15tt Thumbturns)
- Continuous Hinge (Roton 780112HD)
- Aluminum Threshold (Pemko 177AV36)
- Weather Stripping (Pemko SS88D17)
- (on FDI-260M) Two-Point Deadlock (Adams Rite 1875)

**Optional Hardware:** Refer to the hardware section of our website for additional hardware information. You must select a lockset, pull handle, or panic device that suits your application. Most hardware is shipped pre-assembled with the door.

**Subframes:** To meet forced entry requirements of DOS SD.STD-01.01 (Rev. G amended), steel tube subframes 1/4" wall thickness minimum, must be attached to concrete or masonry with Hilti® Epoxy Anchoring System. An acceptable alternative is the use of steel embeds, 1/2" thick minimum. These systems are included as options in our product line.

**Finish:** All doors and frames are furnished prime painted, ready for final finish in field. Options: Factory can apply polyurethane enamel; color chart is available upon request. Doors can also be fitted with various types of architectural metals.

## Shipping Weight

### Standard 3'0" x 7'0" Door

1476 lbs. / 669 kgs.

Available Styles:





**Product Description**

The FDI-L60 Forced Entry Resisting Louver System is capable of resisting 60 minutes of forced entry assault and defeating multiple impacts of 7.62mm NATO and 5.56mm projectiles as defined by applicable U.S. Government Standards.

**Basic Use**

This louver system is used to provide protection in those areas susceptible to mob or terrorist attacks. The primary application of louvers is areas where ventilation is required, such as generator room walls.

**Limitations**

This louver has been designed to meet the rigid specifications developed by the U.S. Government for 60-minute forced entry and high power rifle impact. It is recommended that each end user determine the ballistic and forced entry threat and choose the appropriate product to meet and resist that threat.

**Specifications/Construction**

Louver construction: Louvers are constructed of ballistic steel plates.

Louver Frame Construction: Louver frame assembly is constructed of steel tubes and plates. Framing dimensions are 3¼” wide x 10” deep. Louver frames are completely fabricated at factory and shipped with louvers loose. All louvers are pre-tested for fit to ease field installation. All joint connections are welded to provide a rigid assembly when installed. The louver stop is built into the frame. Frames are predrilled to accept ½” anchors 8” on center. Shims are provided to take up a space at each anchor.

Subframes: To meet forced entry requirements of DOS SD.STD-01.01 (Rev. G amended), steel tube subframes ¼” wall thickness minimum, must be attached to concrete or masonry with Hilti® Epoxy Anchoring System. An acceptable alternative is the use of steel embeds, ½” thick minimum. These systems are included as options in our product line.

Finish: All louvers and frames are furnished prime painted, ready for final finish in field. Options: Factory can apply poly-urethane enamel; color chart is available upon request.

**Openings**

Standard rough opening is required to be 3/8” to ½” larger than the louver gap cover dimension.



**FDI-L60**

**FDI-L60**

- DOS 2133 GPL-60R-FDI-01

**Weights and Measurements**

Standard Louver:

Louver Thickness:	7”
Frame Depth:	10”
Louver Size:	24” x 84” max. / panel (larger sizes are multiple panels joined by steel mullion)
Shipping Weight:	100 lbs / sq. ft.

Available Louver Styles:





United States Department of State

*Washington, D.C. 20520*

APR 13 2001

Fabrication Designs, Inc.  
5622 Lafayette Place  
P.O. Box 13  
Hyattsville, Maryland 20781

Attention: Mr. Keith Eustace

Dear Mr. Eustace:

Based upon your request, the Department of State (DOS) has conducted a technical review of the design for the Fabrication Designs, Inc. Model FDI215M Opaque Double-Door. Since this product is identical to the certified GDD-60R-FDI-01 Opaque Door, but with two instead of three forced entry locks, it has been determined to meet the DOS certification criteria for 15-minute forced entry and ballistic resistance.

Under the provisions of Section 5.1 of SD-STD-01.01, Revision G (Amended), *Certification Standard, Forced Entry and Ballistic Resistance of Structural Systems*, the FDI215M has been certified with a DOS code of 2123 and the DOS model number of GDD-15R-FDI-01. Please refer to the DOS model number in all correspondence with the Department of State.

The GDD-15R-FDI-01 will be placed on the DOS list of certified equipment which is available for use by architects and planners. Your product still has to compete with other bidding manufacturers who are certified with the same classification. We cannot guarantee that your product will be chosen by architects that design the facilities.

Thank you for your interest and endeavors in protecting our personnel and facilities overseas.

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United States Department of State

Washington, D.C. 20520

DEC - 5

Fabrication Designs, Inc.  
5622 Lafayette Place  
P.O. Box 13  
Hyattsville, Maryland 20781

Attention: Mr. Keith Eustace

Dear Mr. Eustace:

Based upon your request, the Department of State (DOS) has conducted a technical review of the design for the Fabrication Designs, Inc. Model XWV-15R-FDI-01A Vision Window. Since this product is identical to the previously tested and certified GWT-15R-FDI-01 Transaction Window but without a deal tray, it has been determined that it meets the DOS certification criteria for 15-minute forced entry and ballistic resistance.

Under the provisions of Section 5.1 of SD-STD-01.01, Revision G (Amended), *Certification Standard, Forced Entry and Ballistic Resistance of Structural Systems*, the model XWV-15R-FDI-01A is granted a DOS-certification with a DOS code of **1123** and a DOS model number of **GWV-15R-FDI-01**. Please refer to the DOS model number in all correspondence with the Department of State.

The GWV-15R-FDI-01 will be placed on the DOS list of certified equipment which is available for use by architects and planners. Your product still has to compete with other bidding manufacturers who are certified with the same classification. We cannot guarantee that your product will be chosen by architects that design the facilities.

Thank you for your interest and endeavors in protecting our personnel and facilities overseas.

Sincerely yours,

Wayne Ashbery  
Acting Director  
Physical Security Division  
Bureau of Diplomatic Security



United States Department of State

Washington, D.C. 20520

APR 13 2001

Fabrication Designs, Inc.  
5622 Lafayette Place  
P.O. Box 13  
Hyattsville, Maryland 20781

Attention: Mr. Keith Eustace

Dear Mr. Eustace:

Based upon your request, the Department of State (DOS) has conducted a technical review of the design for the Fabrication Designs, Inc. Model FDI-FW05M Fixed Window. Since this product is identical to the previously tested and certified GWT-05N-FDI-01 Transaction Window but without a deal tray, it has been determined that it meets the DOS certification criteria for 5-minute forced entry.

Under the provisions of Section 5.1 of SD-STD-01.01, Revision G (Amended), *Certification Standard, Forced Entry and Ballistic Resistance of Structural Systems*, the model FDI-FW05M is granted a DOS-certification with a DOS code of 1141 and a DOS model number of GWV-05N-FDI-01. Please refer to the DOS model number in all correspondence with the Department of State.

The GWV-05N-FDI-01 will be placed on the DOS list of certified equipment which is available for use by architects and planners. Your product still has to compete with other bidding manufacturers who are certified with the same classification. We cannot guarantee that your product will be chosen by architects that design the facilities.

Thank you for your interest and endeavors in protecting our personnel and facilities overseas.

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United States Department of State

Washington, D.C. 20520

DEC - 5 2000

Fabrication Designs, Inc.  
5622 Lafayette Place  
P.O. Box 13  
Hyattsville, Maryland 20781

Attention: Mr. Keith Eustace

Dear Mr. Eustace:

Based upon your request, a Department of State (DOS) technical representative witnessed the forced entry and ballistic resistant tests of the Fabrication Designs, Inc. Model XWT-15R-FDI-01A Transaction Window on November 3, 2000 and has since evaluated the H.P. White Laboratory Test Report HPWLI 8257-01C.

The XWT-15R-FDI-01A has been determined to meet the DOS certification criteria for 15-minute forced entry resistance and for ballistic resistance to 5.56 mm and 7.62 mm NATO rifle ammunition. Under the provisions of SD-STD-01.01, Revision G (Amended), *Certification Standard, Forced Entry and Ballistic Resistance of Structural Systems*, the XWT-15R-FDI-01A has been certified with a DOS code of 1123 and the DOS model number of GWT-15R-FDI-01. Please refer to the DOS model number in all correspondence with the Department of State.

The GWT-15R-FDI-01 will be placed on the DOS list of certified equipment which is available for use by architects and planners. Your product still has to compete with other bidding manufacturers who are certified with the same classification. We cannot guarantee that your product will be chosen by architects that design the facilities.

Thank you for your interest and endeavors in protecting our personnel and facilities overseas.

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United States Department of State

Washington, D.C. 20520

APR 11 2001

Fabrication Designs, Inc.  
5622 Lafayette Place  
P.O. Box 13  
Hyattsville, Maryland 20781

Attention: Mr. Keith Eustace

Dear Mr. Eustace:

Based upon your request, a Department of State (DOS) technical representative witnessed the forced entry test of the Fabrication Designs, Inc. Model XWT-05N-FDI-01A Transaction Window on December 18, 2000 and has since evaluated the H.P. White Laboratory Test Report HPWLI 8257-03C.

The XWT-05N-FDI-01A has been determined to meet the DOS certification criteria for 5-minute forced entry resistance. Under the provisions of SD-STD-01.01, Revision G (Amended), *Certification Standard, Forced Entry and Ballistic Resistance of Structural Systems*, the XWT-05N-FDI-01A has been certified with a DOS code of 1141 and the DOS model number of GWT-05N-FDI-01. Please refer to the DOS model number in all correspondence with the Department of State.

The GWT-05N-FDI-01 will be placed on the DOS list of certified equipment which is available for use by architects and planners. Your product still has to compete with other bidding manufacturers who are certified with the same classification. We cannot guarantee that your product will be chosen by architects that design the facilities.

Thank you for your interest and endeavors in protecting our personnel and facilities overseas.

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United States Department of State

Washington, D.C. 20520

JUN 12 2001

Fabrication Designs, Inc.  
5622 Lafayette Place  
P.O. Box 13  
Hyattsville, Maryland 20781

Attention: Mr. Keith Eustace

Dear Mr. Eustace:

Based upon your request, a Department of State (DOS) technical representative witnessed the forced entry and ballistic resistant tests of the Fabrication Designs, Inc. Model XML-15R-FDI-01A Mullion on April 23, 2001 and has since evaluated the H.P. White Laboratory Test Report HPWLI 8296-05A.

The XML-15R-FDI-01A has been determined to meet the DOS certification criteria for 15-minute forced entry resistance and for ballistic resistance to 5.56 mm and 7.62 mm NATO rifle ammunition. Under the provisions of SD-STD-01.01, Revision G (Amended), *Certification Standard, Forced Entry and Ballistic Resistance of Structural Systems*, the XML-15R-FDI-01A has been certified with a DOS code of 2123 and the DOS model number of GML-15R-FDI-01. Please refer to the DOS model number in all correspondence with the Department of State.

The GML-15R-FDI-01 will be placed on the DOS list of certified equipment which is available for use by architects and planners. Your product still has to compete with other bidding manufacturers who are certified with the same classification. We cannot guarantee that your product will be chosen by architects that design the facilities.

Thank you for your interest and endeavors in protecting our personnel and facilities overseas.

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United States Department of State

*Washington, D.C. 20520*

JUN 12 2001

Fabrication Designs, Inc.  
5622 Lafayette Place  
P.O. Box 13  
Hyattsville, Maryland 20781

Attention: Mr. Keith Eustace

Dear Mr. Eustace:

Based upon your request, a Department of State (DOS) technical representative witnessed the forced entry and ballistic resistant tests of the Fabrication Designs, Inc. Model XDT-15R-FDI-02A Vision Door on April 23, 2001 and has since evaluated the H.P. White Laboratory Test Report HPWLI 8296-05A.

The XDT-15R-FDI-02A has been determined to meet the DOS certification criteria for 15-minute forced entry resistance and for ballistic resistance to 5.56 mm and 7.62 mm NATO rifle ammunition. Under the provisions of SD-STD-01.01, Revision G (Amended), *Certification Standard, Forced Entry and Ballistic Resistance of Structural Systems*, the XDT-15R-FDI-02A has been certified with a DOS code of 1123 and the DOS model number of GDT-15R-FDI-02. Please refer to the DOS model number in all correspondence with the Department of State.

The GDT-15R-FDI-02 will be placed on the DOS list of certified equipment which is available for use by architects and planners. Your product still has to compete with other bidding manufacturers who are certified with the same classification. We cannot guarantee that your product will be chosen by architects that design the facilities.

Thank you for your interest and endeavors in protecting our personnel and facilities overseas.

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United States Department of State

Washington, D.C. 20520

APR 13 2001

Fabrication Designs, Inc.  
5622 Lafayette Place  
P.O. Box 13  
Hyattsville, Maryland 20781

Attention: Mr. Keith Eustace

Dear Mr. Eustace:

Based upon your request, a Department of State (DOS) technical representative witnessed the forced entry and ballistic resistant tests of the Fabrication Designs, Inc. Model FDI15M Transparent Door on November 2, 2000 and has since evaluated the H.P. White Laboratory Test Report HPWLI 8257-01A.

The XDT-15R-FDI-01A has been determined to meet the DOS certification criteria for 15-minute forced entry resistance and for ballistic resistance to 5.56 mm and 7.62 mm NATO rifle ammunition. Under the provisions of SD-STD-01.01, Revision G (Amended), *Certification Standard, Forced Entry and Ballistic Resistance of Structural Systems*, the FDI15M has been certified with a DOS code of 1123 and the DOS model number of GDT-15R-FDI-01. Please refer to the DOS model number in all correspondence with the Department of State.

The GDT-15R-FDI-01 will be placed on the DOS list of certified equipment which is available for use by architects and planners. Your product still has to compete with other bidding manufacturers who are certified with the same classification. We cannot guarantee that your product will be chosen by architects that design the facilities.

Thank you for your interest and endeavors in protecting our personnel and facilities overseas.

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United States Department of State

Washington, D.C. 20520

APR 11 2001

Fabrication Designs, Inc.  
5622 Lafayette Place  
P.O. Box 13  
Hyattsville, Maryland 20781

Attention: Mr. Keith Eustace

Dear Mr. Eustace:

Based upon your request, a Department of State (DOS) technical representative witnessed the forced entry test of the Fabrication Designs, Inc. Model XDT-05N-FDI-01A Transparent Door on December 18, 2000 and has since evaluated the H.P. White Laboratory Test Report HPWLI 8257-03A.

The XDT-05N-FDI-01A has been determined to meet the DOS certification criteria for 5-minute forced entry resistance. Under the provisions of SD-STD-01.01, Revision G (Amended), *Certification Standard, Forced Entry and Ballistic Resistance of Structural Systems*, the XDT-05N-FDI-01A has been certified with a DOS code of 1141 and the DOS model number of GDT-05N-FDI-01. Please refer to the DOS model number in all correspondence with the Department of State.

The GDT-05N-FDI-01 will be placed on the DOS list of certified equipment which is available for use by architects and planners. Your product still has to compete with other bidding manufacturers who are certified with the same classification. We cannot guarantee that your product will be chosen by architects that design the facilities.

Thank you for your interest and endeavors in protecting our personnel and facilities overseas.

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United States Department of State

Washington, D.C. 20520

DEC -5 2000

Fabrication Designs, Inc.  
5622 Lafayette Place  
P.O. Box 13  
Hyattsville, Maryland 20781

Attention: Mr. Keith Eustace

Dear Mr. Eustace:

Based upon your request, a Department of State (DOS) technical representative witnessed the forced entry and ballistic resistant tests of the Fabrication Designs, Inc. Model XDO-60R-FDI-01A Opaque Door on November 3, 2000 and has since evaluated the H.P. White Laboratory Test Report HPWLI 8257-01D.

The XDO-60R-FDI-01A has been determined to meet the DOS certification criteria for 60-minute forced entry resistance and for ballistic resistance to 5.56 mm and 7.62 mm NATO rifle ammunition. Under the provisions of SD-STD-01.01, Revision G (Amended), *Certification Standard, Forced Entry and Ballistic Resistance of Structural Systems*, the XDO-60R-FDI-01A has been certified with a DOS code of **2133** and the DOS model number of **GDO-60R-FDI-01**. Please refer to the DOS model number in all correspondence with the Department of State.

The GDO-60R-FDI-01 will be placed on the DOS list of certified equipment which is available for use by architects and planners. Your product still has to compete with other bidding manufacturers who are certified with the same classification. We cannot guarantee that your product will be chosen by architects that design the facilities.

Thank you for your interest and endeavors in protecting our personnel and facilities overseas.

Sincerely yours,

Wayne Ashbery  
Acting Director  
Physical Security Division  
Bureau of Diplomatic Security



United States Department of State

Washington, D.C. 20520

DEC -5 2000

Fabrication Designs, Inc.  
5622 Lafayette Place  
P.O. Box 13  
Hyattsville, Maryland 20781

Attention: Mr. Keith Eustace

Dear Mr. Eustace:

Based upon your request, the Department of State (DOS) has conducted a technical review of the design for the Fabrication Designs, Inc. Model XDO-15R-FDI-01A Opaque Door. Since this product is identical to the previously tested and certified GDT-15R-FDI-01 Transparent Door but without a glazing, it has been determined that it meets the DOS certification criteria for 15-minute forced entry and ballistic resistance.

Under the provisions of Section 5.1 of SD-STD-01.01, Revision G (Amended), *Certification Standard, Forced Entry and Ballistic Resistance of Structural Systems*, the model XDO-15R-FDI-01A is granted a DOS-certification with a DOS code of **2123** and a DOS model number of **GDO-15R-FDI-01**. Please refer to the DOS model number in all correspondence with the Department of State.

The GDO-15R-FDI-01 will be placed on the DOS list of certified equipment which is available for use by architects and planners. Your product still has to compete with other bidding manufacturers who are certified with the same classification. We cannot guarantee that your product will be chosen by architects that design the facilities.

Thank you for your interest and endeavors in protecting our personnel and facilities overseas.

Sincerely yours,

Wayne Ashbery  
Acting Director  
Physical Security Division  
Bureau of Diplomatic Security



United States Department of State

Washington, D.C. 20520

APR 13 1971

Fabrication Designs, Inc.  
5622 Lafayette Place  
P.O. Box 13  
Hyattsville, Maryland 20781

Attention: Mr. Keith Eustace

Dear Mr. Eustace:

Based upon your request, the Department of State (DOS) has conducted a technical review of the design for the Fabrication Designs, Inc. Model FDI05M Opaque Door. Since this product is identical to the previously tested and certified GDT-05N-FDI-01 Transparent Door but without a glazing, it has been determined that it meets the DOS certification criteria for 5-minute forced entry.

Under the provisions of Section 5.1 of SD-STD-01.01, Revision G (Amended), *Certification Standard, Forced Entry and Ballistic Resistance of Structural Systems*, the model FDI05M is granted a DOS-certification with a DOS code of 2141 and a DOS model number of GDO-05N-FDI-01. Please refer to the DOS model number in all correspondence with the Department of State.

The GDO-05N-FDI-01 will be placed on the DOS list of certified equipment which is available for use by architects and planners. Your product still has to compete with other bidding manufacturers who are certified with the same classification. We cannot guarantee that your product will be chosen by architects that design the facilities.

Thank you for your interest and endeavors in protecting our personnel and facilities overseas.

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United States Department of State

*Washington, D.C. 20520*

APR 11 2001

Fabrication Designs, Inc.  
5622 Lafayette Place  
P.O. Box 13  
Hyattsville, Maryland 20781

Attention: Mr. Keith Eustace

Dear Mr. Eustace:

Based upon your request, a Department of State (DOS) technical representative has witnessed both previous forced entry and ballistic resistant tests of the Fabrication Designs, Inc. Model XDD-60R-FDI-03A Opaque Double-Door including the final forced entry test on March 26, 2000 and has since evaluated the H.P. White Laboratory Test Report HPWLI 8296-04A.

The XDD-60R-FDI-03A has been determined to meet the DOS certification criteria for 60-minute forced entry resistance and for ballistic resistance to 5.56 mm and 7.62 mm NATO rifle ammunition. Under the provisions of SD-STD-01.01, Revision G (Amended), *Certification Standard, Forced Entry and Ballistic Resistance of Structural Systems*, the XDD-60R-FDI-03A has been certified with a DOS code of 2133 and the DOS model number of GDD-60R-FDI-01. Please refer to the DOS model number in all correspondence with the Department of State.

The GDD-60R-FDI-01 will be placed on the DOS list of certified equipment which is available for use by architects and planners. Your product still has to compete with other bidding manufacturers who are certified with the same classification. We cannot guarantee that your product will be chosen by architects that design the facilities.

Thank you for your interest and endeavors in protecting our personnel and facilities overseas.

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United States Department of State

Washington, D.C. 20520

APR 13 2001

Fabrication Designs, Inc.  
5622 Lafayette Place  
P.O. Box 13  
Hyattsville, Maryland 20781

Attention: Mr. Keith Eustace

Dear Mr. Eustace:

Based upon your request, the Department of State (DOS) has conducted a technical review of the design for the Fabrication Designs, Inc. Model FDI215M Vision Double-Door. Since this product is identical to the certified GDD-60R-FDI-01 Opaque Door, but with certified glazing installed and two instead of three forced entry locks, it has been determined to meet the DOS certification criteria for 15-minute forced entry and ballistic resistance.

Under the provisions of Section 5.1 of SD-STD-01.01, Revision G (Amended), *Certification Standard, Forced Entry and Ballistic Resistance of Structural Systems*, the FDI215M has been certified with a DOS code of 1123 and the DOS model number of GDD-15R-FDI-02. Please refer to the DOS model number in all correspondence with the Department of State.

The GDD-15R-FDI-02 will be placed on the DOS list of certified equipment which is available for use by architects and planners. Your product still has to compete with other bidding manufacturers who are certified with the same classification. We cannot guarantee that your product will be chosen by architects that design the facilities.

Thank you for your interest and endeavors in protecting our personnel and facilities overseas.

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United States Department of State

Washington, D.C. 20520

JUN 12 2001

Fabrication Designs, Inc.  
5622 Lafayette Place  
P.O. Box 13  
Hyattsville, Maryland 20781

Attention: Mr. Keith Eustace

Dear Mr. Eustace:

Based upon your request, a Department of State (DOS) technical representative witnessed the forced entry and ballistic resistant tests of the Fabrication Designs, Inc. Model XWV-15R-FDI-02A Vision Window on April 23, 2001 and has since evaluated the H.P. White Laboratory Test Report HPWLI 8296-05A.

The XWV-15R-FDI-02A has been determined to meet the DOS certification criteria for 15-minute forced entry resistance and for ballistic resistance to 5.56 mm and 7.62 mm NATO rifle ammunition. Under the provisions of SD-STD-01.01, Revision G (Amended), *Certification Standard, Forced Entry and Ballistic Resistance of Structural Systems*, the XWV-15R-FDI-02A has been certified with a DOS code of 1123 and the DOS model number of GWV-15R-FDI-02. Please refer to the DOS model number in all correspondence with the Department of State.

The GWV-15R-FDI-02 will be placed on the DOS list of certified equipment which is available for use by architects and planners. Your product still has to compete with other bidding manufacturers who are certified with the same classification. We cannot guarantee that your product will be chosen by architects that design the facilities.

Thank you for your interest and endeavors in protecting our personnel and facilities overseas.





United States Department of State

Washington, D.C. 20520

DEC 18 2001

Fabrication Designs, Inc.  
5622 Lafayette Place  
P.O. Box 13  
Hyattsville, Maryland 20781

Attention: Mr. Keith Eustace

Dear Mr. Eustace:

Based upon your request, a Department of State (DOS) technical representative witnessed the forced entry and ballistic resistant tests of the Fabrication Designs, Inc. Model FDI-L60 Louver Panel on October 16, 2001 and has since evaluated the H.P. White Laboratory Test Report HPWLI 8296-07A.

The FDI-L60 has been determined to meet the DOS certification criteria for 60-minute forced entry resistance and for ballistic resistance to 5.56 mm and 7.62 mm NATO rifle ammunition. Under the provisions of SD-STD-01.01, Revision G (Amended), *Certification Standard, Forced Entry and Ballistic Resistance of Structural Systems*, the FDI-L60 has been certified with a DOS code of 2133 and the DOS model number of GPL-60R-FDI-01. Please refer to the DOS model number in all correspondence with the Department of State.

The GPL-60R-FDI-01 will be placed on the DOS list of certified equipment which is available for use by architects and planners. Your product still has to compete with other bidding manufacturers who are certified with the same classification. We cannot guarantee that your product will be chosen by architects that design the facilities.

Thank you for your interest and endeavors in protecting our personnel and facilities overseas.

## Fabrication Designs Product Line Cross reference sheet

FDI Model #	Model # During test	DOS Model #	DOS Code	FDI Description	Date of test	Certification Date	Suffix
FDI05M	XDT-05N-FDI-01	GDT-05N-FDI-01	1141	5 Minute forced entry door with a vision	12/18/2000	4/11/2001	/1, /2
FDI05M	XDO-05N-FDI-01	GDT-05N-FDI-01	2141	5 Minute forced entry door opaque	12/18/2000	4/11/2001	
FDI15M	XDT-15R-FDI-01A	GDT-15R-FDI-01	1123	15 minute forced entry door with vision	11/2/2000	4/11/2001	/1, /2
FDI-NGC15M	XDT-15R-FDI-02	GDT-15R-FDI-02	1123	15 minute forced entry door with vision without exterior ballistic trim	4/23/2001	6/12/2001	/1, /2
FDI NGC15M/1-DT			1123	15 minute forced entry door with vision and Deal Tray without exterior ballistic trim	10/10/2002		/1
FDI15M	XDO-15R-FDI-01A	GDO-15R-FDI-01	2123	15 minute forced entry door opaque	11/2/2000	12/5/2000	
FDI-NGC15M		GDO-15R-FDI-01A	2123	15 minute forced entry door opaque without exterior ballistic trim		8/14/2001	
FDI60M	XDO-60R-FDI-01A	GDO-60R-FDI-01	2133	60 minute forced entry door opaque	11/3/2000	12/5/2000	
FDI215M		GDD-15R-FDI-02	1123	15 minute forced entry door with vision		4/13/2001	/1, /2
FDI-NGC215M		GDD-15R-FDI-02A	1123	15 minute forced entry door with vision without exterior ballistic trim		8/14/2001	/1, /2
FDI215M		GDD-15R-FDI-01	2123	15 minute forced entry door opaque		4/16/2001	
FDI-NGC215M		GDD-15R-FDI-01A	2123	15 minute forced entry door opaque without exterior ballistic trim		8/14/2001	
FDI260M	XDD-60R-FDI-03A	GDD-60R-FDI-01	2133	60 minute forced entry door opaque	3/26/2001	4/11/2001	
FDI-FW05M		GWV-05N-FDI-01	1141	5 Minute forced entry fixed window		4/13/2001	
FDI-TW05M	XWT-05N-FDI-01A	GWT-05N-FDI-01	1141	5 Minute forced entry transaction window	12/18/2000	4/11/2001	
FDI-FW15M	XWV-15R-FDI-02A	GWV-15R-FDI-02	1123	15 Minute forced entry fixed window	4/23/2001	6/12/2001	
FDI-TW15M	XWT-15R-FDI-01A	GWT-15R-FDI-01A	1123	15 Minute forced entry transaction window	11/2/2000	8/14/2001	
FDI-L60		GPL-60R-FDI-01	2133	60 Minute forced entry louver	10/16/2001	12/18/2001	
FDI-OP15		GPS-15R-FDI-01	2123	Opaque Panel		10/31/2001	
	XML-15R-FDI-01A	GML-15R-FDI-01	1123	Mullion	4/23/2001	6/12/2001	

Door models with visions contain a "/>. This indicates number of vision windows in the door  
The State Department does not destingush between 1 or 2 visions in their code

## Fabrication Designs, Inc.

Questions or Comments?

How to contact us:

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Hyattsville, MD 20781-0013

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