



الديار  
**ALDEYAR**  
METAL BLD. CONS. IND  
(EGYPT)



**Fire Rated Glazed Doors**  
**Fire Rated Glazed Partition**  
**Bullet Proof Window Profiles**



Scan QR for Catalogue

# Test Report

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**TEST REPORT  
FIRE RESISTANCE TEST OF  
CONSTRUCTION ASSEMBLIES**

**TEST SPONSOR:**  
Al Deyar Metal Bldg. Cons. Ind. LLC  
P.O. Box 83827, Al Industrial Area, Doha  
Tel: +974 5138 7620 Fax: +974 5138 7640  
Website: www.aldeyar-qc.com

**TEST ASSEMBLY:**  
Latched single swing, double leaf fully glazed door.

**TEST STANDARDS:**  
EN 1363-2:2012, Fire resistance tests - Part 2: Alternative and additional procedures  
EN 1363-2:2005, Fire resistance tests - Part 2: Alternative and additional procedures  
EN 1363-2:2004, Fire resistance and smoke control tests for door and shutter assemblies, operable windows and elements of building hardware - Part 2: Fire resistance test for door and shutter assemblies and operable windows.

**TEST DATE:** 06-Nov-17  
**ISSUE DATE:** 06-Dec-17  
**TEST REFERENCE NO:** RB12-D

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**TEST REPORT FOR FIRE RESISTANCE TEST  
OF CONSTRUCTION ASSEMBLIES**

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**TEST ASSEMBLY:**  
Latched Single Acting Double Leaf Slant Sash Fully Glazed Window

**TEST STANDARDS:**  
EN 1363-2:2012, Fire resistance tests - Part 2: Alternative and additional procedures  
EN 1363-2:2005, Fire resistance tests - Part 2: Alternative and additional procedures  
EN 1363-2:2004, Fire resistance and smoke control tests for door and shutter assemblies, operable windows and elements of building hardware - Part 1: Fire resistance test for door and shutter assemblies and operable windows.

**TEST DATE:** 28-Aug-17  
**ISSUE DATE:** 22-Oct-17  
**REFERENCE NO:** RB12-D

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FIRE RESISTANCE TEST OF  
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Tel: +974 5138 7620 Fax: +974 5138 7640  
Website: www.aldeyar-qc.com

**TEST ASSEMBLY:**  
Latched Single Acting Double Leaf Fully Glazed Door with Side Light and Transoms

**TEST STANDARDS:**  
EN 1363-2:2012, Fire resistance tests - Part 2: Alternative and additional procedures  
EN 1363-2:2005, Fire resistance and smoke control tests for door and shutter assemblies, operable windows and elements of building hardware - Part 2: Fire resistance test for door and shutter assemblies and operable windows.

**TEST DATE:** Feb. 20<sup>th</sup> 2016  
**ISSUE DATE:** Mar 14<sup>th</sup> 2016  
**TEST REPORT REFERENCE NO:** QB12 (Rev 01)

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**TEST ASSEMBLY:**  
Non-load bearing fixed fully glazed window panel.

**TEST STANDARDS:**  
EN 1363-2:2012, Fire resistance tests - Part 2: Alternative and additional procedures  
EN 1363-2:2005, Fire resistance tests - Part 2: Alternative and additional procedures  
EN 1363-2:2004, Fire resistance tests for non-load bearing elements - Part 1: Walls

**TEST DATE:** 5 Sep 16  
**ISSUE DATE:** 23 Nov 16  
**REFERENCE NO:** RB12-D

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OF CONSTRUCTION ASSEMBLIES**

**TEST SPONSOR:**  
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**TEST ASSEMBLY:**  
Non-load bearing fully glazed partition.

**TEST STANDARDS:**  
EN 1363-2:2012, Fire resistance tests - Part 2: Alternative and additional procedures  
EN 1363-2:2005, Fire resistance tests - Part 2: Alternative and additional procedures  
EN 1363-2:2004, Fire resistance tests for non-load bearing elements - Part 1: Walls

**TEST DATE:** 20 Sep 15  
**ISSUE DATE:** 20 Oct 15  
**REFERENCE NO:** RB12-D

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FIRE RESISTANCE TEST OF  
CONSTRUCTION ASSEMBLIES**

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**TEST ASSEMBLY:**  
Non-bearing fire isolated Glazed Partition Wall Assembly

**TEST STANDARDS:**  
EN 1363-2:2012, Fire resistance tests - Part 2: Alternative and additional procedures  
EN 1363-2:2005, Fire resistance tests - Part 2: Alternative and additional procedures  
EN 1363-2:2004, Fire resistance tests for non-load bearing elements - Part 1: Walls

**TEST DATE:** 2 Aug 2017  
**ISSUE DATE:** 19 Sep 17  
**TEST REFERENCE NO:** RB12-D (Rev. 01)

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**TEST REPORT  
FIRE RESISTANCE TEST OF CONSTRUCTION  
ASSEMBLIES**

**TEST SPONSOR:**  
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Tel: +974 5138 7620 Fax: +974 5138 7640  
Website: www.aldeyar-qc.com

**TEST ASSEMBLY:**  
Non-loadbearing fully glazed wall partition

**TEST STANDARDS:**  
EN 1363-2:2012, Fire resistance tests - Part 2: Alternative and additional procedures  
EN 1363-2:2005, Fire Resistance Tests - Part 2: Alternative and Additional Procedures  
EN 1363-2:2004, Fire Resistance Tests for Non-Loadbearing Elements - Part 1: Walls

**TEST DATE:** 28 Oct 17  
**ISSUE DATE:** 08 Nov 18  
**TEST REFERENCE NO:** RB12-D

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**TEST SPONSOR:**  
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P.O. Box 83827, Al Industrial Area, Doha  
Tel: +974 5138 7620 Fax: +974 5138 7640  
Email: management@al-deyar.com

**TEST ASSEMBLY:**  
Non-load bearing fully glazed partition.

**TEST STANDARDS:**  
EN 1363-2:2012, Fire resistance tests - Part 2: Alternative and additional procedures  
EN 1363-2:2005, Fire resistance tests - Part 2: Alternative and additional procedures  
EN 1363-2:2004, Fire resistance tests for non-load bearing elements - Part 1: Walls

**TEST DATE:** 2 Aug 2017  
**ISSUE DATE:** 19 Sep 17  
**TEST REFERENCE NO:** RB12-D (Rev. 01)

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# Fully Glazed Swing Latched Single and Double Leafs Steel Door Sets (E & EW)

## Description

Alternative to steel doors, special designed fully glazed fire rated and non-fire rated glazed doors for traditional store front and entrance system, Narrow stiles and rails with special concealed hardware for good aesthetic view, increased glazed area slimmer profile integrity and intergrity with radiation control.

## Specifications

<b>Construction</b>	Mechanically interlocked, hemmed vertical edge seam with inverted top and bottom channel welded to both face sheets /Alternate special designed mechanically formed narrow profiles
<b>Materials</b>	Cold rolled galvanized steel sheet confirm to ASTM or equivalent standard
<b>Gauge/Door Thickness</b>	52 to 60mm thick door with skin thickness 1.2 to 2.0 mm
<b>Core Or Insulation</b>	Fully glazed- No core
<b>Glass</b>	Fire rated glass 5 to 20mm thick / certified to E and EW
<b>Application</b>	Light to extra heavy duty use as per SDI
<b>Frame Gauge/Jamb Depth</b>	1.5 to 4mm/ up to 500mm
<b>Ironmongery</b>	Tested and Certified as per door test standard BS and EN
<b>Fire Rating</b>	Up to 176 minutes as per EN/BS
<b>Test Standard</b>	EN 1634-1/ BS 476 part20-22
<b>Certification</b>	Intertek, BM trada, Exova Warrington
<b>Finish</b>	Powder coated/ Wood finish/ Wet paint meets ANSI A 250.3 and ANSI A 250.10

## Additional Features

- Seamless welded design
- Alternate Stainless-steel material
- Alternate glass specification
- Additional top panel
- Knock down frame /Groove frame with kerf gasket
- Smoke rated as per UL1784 / BS476 section 31.1/BSEN 1634-3
- Acoustical



Single Leaf Glazed Door

# Fully Glazed Swing Latched Single and Double Leafs Steel Door Sets (E & EW)



*Stainless Steel (Oval Shape)*



*Steel Powder Coated Glazed Door*



*Stainless Steel Mirror or Brush*



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**TEST REPORT FOR FIRE RESISTANCE TEST OF CONSTRUCTION ASSEMBLIES**

**TEST SPONSOR:**  
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Email: thom@tbw-intl.com

**TEST ASSEMBLY:**  
Latched Single Acting Double Leaf Steel Fully Glazed Doorset

**TEST STANDARD:**  
EN 1363-1:2012, Fire resistance tests - Part 1: General requirements  
EN 1363-2:1999 Fire resistance tests - Part 2: Alternative and additional procedures  
EN 1634-1:2014, Fire resistance and smoke control tests for door and shutter assemblies, operable windows and openings of building partitions - Part 1: Fire resistance test for door and shutter assemblies and operable windows

**Test Date:** 18-Aug-15  
**Issue Date:** 21-Sep-15  
**Reference No:** TR022-15

**THOMAS BELL WRIGHT INTERNATIONAL CONSULTANTS**

# Fully Glazed Swing Latched Single And Double Leafs Steel Door Sets - Integrity and Insulation

## Description

<b>Construction</b>	Mechanically formed special narrow profile insulated
<b>Materials</b>	Cold rolled galvanized steel sheet confirm to ASTM or equivalent standard
<b>Gauge/Door Thickness</b>	81 mm thick door with skin thickness 1.2 to 2.0 mm
<b>Core Or Insulation</b>	Fully glazed- Special fire resistive infill
<b>Glass</b>	Fire rated glass – fully insulated confirms to EI requirement
<b>Application</b>	Light to extra heavy duty use as per SDI
<b>Frame Profiles</b>	Mechanically formed special narrow profile - insulated
<b>Ironmongery</b>	Tested and Certified as per door test standard BS and EN
<b>Fire Rating</b>	EI 90 minutes single and EI 60, EW 120 for double door configuration
<b>Test Standard</b>	EN 1634-1/ BS 476 part20-22
<b>Certification</b>	Intertek, BM trada, Exova Warrington
<b>Finish</b>	Powder coated/ Wood finish/ Wet paint meets ANSI A 250.3 and ANSI A 250.10

## Additional Features

- Alternate Stainless-steel material
- Alternate glass specification
- Additional top panel
- Smoke rated as per UL1784 / BS476 section 31.1/BSEN 1634-3
- Acoustical



Fire Rated Steel Glazed Door  
with Wooden Finish

# Fully Glazed Swing Latched Single And Double Leafs Steel Door Sets - Integrity and Insulation



## TEST REPORT FIRE RESISTANCE TEST OF CONSTRUCTION ASSEMBLIES

**Test Sponsor:**  
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P.O. Box 63887 Al-Rasheed Area, Hamd, Ind Area # 13, Sharjah, UAE  
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Website: www.aldeyar.com

**Test Assembly:**  
Latched single swing, double leaf fully glazed doorset.

**Test Standards:**  
EN 1363-2:2002 Fire resistance tests - Part 2: General requirements  
EN 1363-2:2009 Fire resistance tests - Part 2: Alternative and additional procedures  
EN 1363-2:2014 Fire resistance and smoke penetration for door and shutter assemblies, operable windows and elements of building hardware - Part 1: Fire resistance test for door and shutter assemblies and operable windows.

Test Date: 06-Nov-17  
Issue Date: 04-Dec-17  
Test Reference No: 18122-2

PO BOX 26361, Dubai, UAE T: +971 (0) 4 821 5777 Email: info@alqwa.com

DUBAI ABU DHABI DOHA



# Fully Glazed Doorset With Side Light And Transom Panels (E & EW)

## Description

Alternative to steel doors, special designed fully glazed fire rated and non-fire rated glazed doors with side and top panels for traditional store front and entrance system, Narrow stiles and rails with standard and concealed hardware for good aesthetic view, increased glazed area with slimmer profile

## Specifications

<b>Construction</b>	Mechanically formed special narrow profile
<b>Materials</b>	Cold rolled galvanized steel sheet confirm to ASTM or equivalent standard
<b>Gauge/Door Thickness</b>	60 mm thick door with skin thickness 1.2 to 1.8 mm
<b>Size</b>	3000x 3000mm (wxh) and no limitation in width
<b>Core Or Insulation</b>	Fully glazed- No core
<b>Glass</b>	Fire rated glass
<b>Application</b>	Light to extra heavy duty use as per SDI
<b>Frame Profiles</b>	Mechanically formed special narrow profile
<b>Ironmongery</b>	Tested and Certified as per door test standard BS and EN
<b>Fire Rating</b>	E 180 minutes - EW 120 Minutes
<b>Test Standard</b>	EN 1634-1/ BS 476 part20-22
<b>Certification</b>	Intertek, BM trada, Exova Warrington
<b>Finish</b>	Powder coated/ Wood finish/ Wet paint meets ANSI A 250.3 and ANSI A 250.10

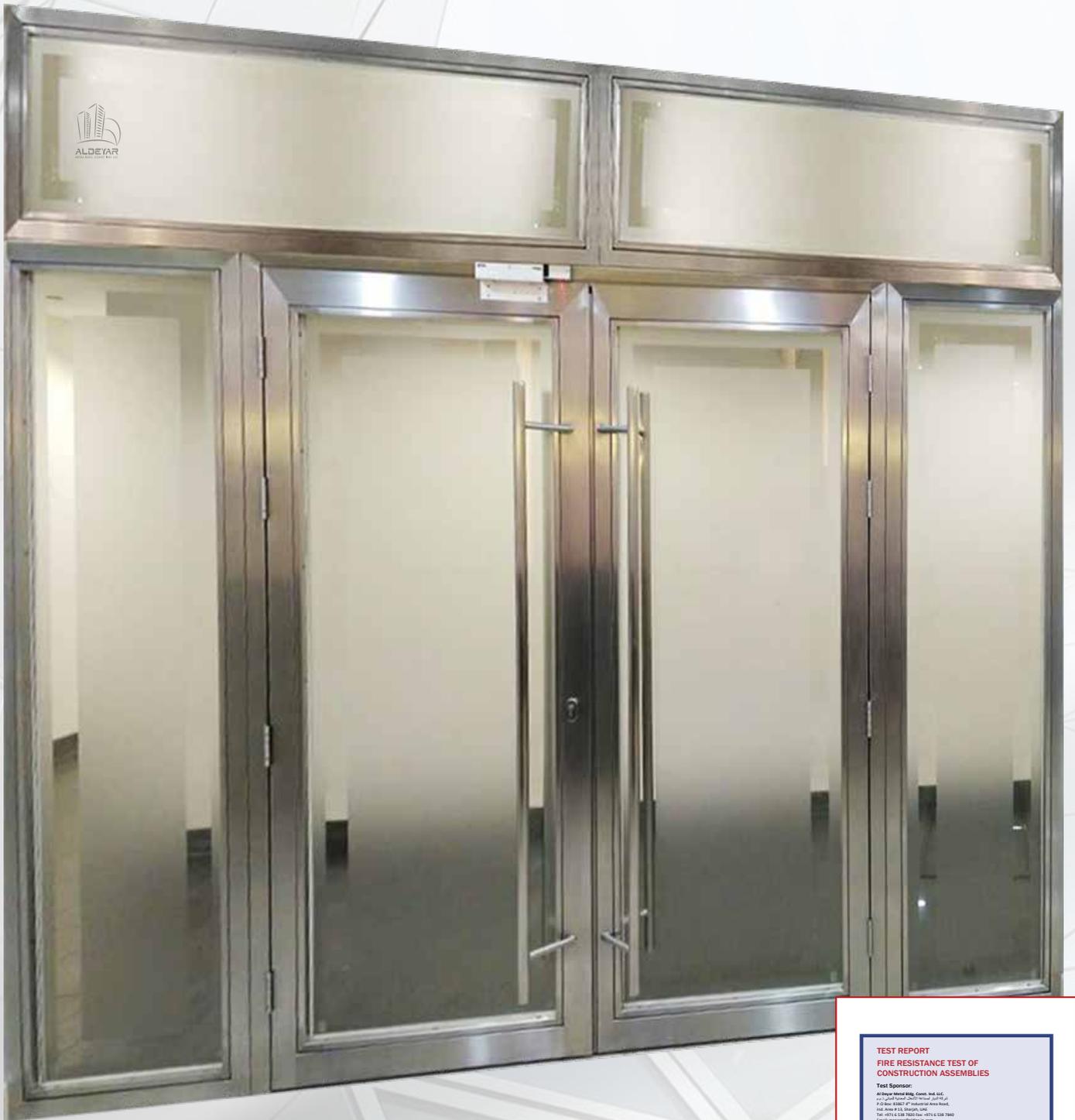
## Additional Features

- Alternate Stainless-steel material
- No limitation in width, height can be replicate by a separator
- Side lite and transom lite is separated with mullion and transom
- Alternate glass specification
- Smoke rated as per UL1784 / BS476 section 31.1/BSEN 1634-3
- Acoustical



FR Glazed Door with Side and Top Panels

# Fully Glazed Doorset With Side Light And Transom Panels (E & EW)



FR Stainless Steel Glazed Door with Side and Top Panels

**TEST REPORT**  
**FIRE RESISTANCE TEST OF**  
**CONSTRUCTION ASSEMBLIES**

**Test Sponsor:**  
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1st Area # 13, Sharjah, UAE  
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**Test Assembly:**  
Latched Single Acting Double Leaf Fully glazed doorset with side light and transoms

**Test Standards:**  
EN 1363-1:2012, Fire resistance tests - Part 1: General requirements  
EN 1363-2:2012, Fire resistance and smoke control tests for door and shutter assemblies, applicable methods and elements of building hardware - Part 2: Fire resistance test for door and shutter assemblies and operable windows



Test Date: Feb. 2017, 2018  
Issue Date: May 10<sup>th</sup>, 2018  
Test Report Reference No: Q2017-010-010  
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DUBAI ABU DHABI DOHA

# Glazed Steel Windows Fixed And Openable (E, EW, EI)

## Description

Special designed fully glazed fire rated and non-fire rated fixed and openable glazed windows system, Narrow stiles and rails with concealed hardware for good aesthetic view, increased glazed area slimmer profile integrity and insulation application special fire resistive infill for EI systems.

## Specifications

Construction	Mechanically formed special narrow profile insulated
Materials	Cold rolled galvanized steel sheet conform to ASTM or equivalent standard
Gauge/Door Thickness	50 mm thick door with skin thickness 1.2 to 1.8 mm / standard custom made profiles for insulated
Core Or Insulation	Fully glazed- No infill for Integrity (E) and EW, special fire resistive infill for Insulated EI
Glass	Fire protection/ Fire resistive glass in single and Double Glazed unit(DGU)
Application	Light to extra heavy duty use as per SDI
Frame Profiles	Special mechanically formed narrow profile
Ironmongery	Tested and Certified as per door test standard BS and EN for operable windows
Fire Rating	E I 90 minutes as per EN/BS – E -135 minutes
Test Standard	EN 1364-1/ BS 476 part20-22
Certification	Intertek, Exova Warrington
Finish	Powder coated/ Wood finish/ Wet paint meets ANSI A 250.3 and ANSI A 250.10

## Additional Features

- Seamless welded design
- Alternate Stainless-steel material
- Alternate glass specification
- Smoke rated as per UL1784 / BS476 section 31.1/BSEN 1634-3
- Acoustical



Fire Rated Fixed Windows

# Glazed Steel Windows Fixed And Openable (E, EW, EI)



*Fire Rated Stainless Steel UV Protection Window*



*Fire Rated Openable Windows*

**TEST REPORT**  
**FIRE RESISTANCE TEST OF CONSTRUCTION ASSEMBLIES**

**Test Sponsor:**  
Al Deyan Metal Bldg. Const. Est. LLC  
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Email: [changep@aldehyar.com](mailto:changep@aldehyar.com)

**Test Assembly:**  
Non-load bearing fixed fully glazed window panel.

**Test Standards:**  
EN 1363-2:2012, Fire resistance tests - Part 2: General requirements  
EN 1363-2:2006, Fire resistance tests - Part 2: Alternative and additional procedures  
EN 1363-1:2015, Fire resistance tests for non-load bearing elements - Part 1: Walls

Test Spec: 5-040-05  
Issue Date: 17-Nov-18  
Reference No: W220-24

ALDEYAR METAL BLDG. CONST. EST. LLC  
DUBAI ABU DHABI OMAN  
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# Fully Glazed Steel Partition - Unlimited Width

## Description

Glazed partition, constructions as part of the building envelope, which generally consists of horizontal and vertical profiles that are joined together, is anchored to the structure of the building.

It fulfils all the required functions of wall or part thereof.  
partitions are designed as self-supporting constructions

## Specifications

<b>Construction</b>	Mechanically formed special narrow profile
<b>Materials</b>	Cold rolled Galvanized Steel sheet confirms to ASTM or equivalent standards
<b>Size</b>	3000x 3000mm overall – no limits in width
<b>Core Or Insulation</b>	Fully Glazed - No core
<b>Glass</b>	Fire rated glass – confirms to E and EW requirement
<b>Frame Profiles</b>	Mechanically formed special narrow profile
<b>Ironmongery</b>	Tested and Certified as per door test standard BS and EN
<b>Fire Rating</b>	E 180 minutes - EW 120 Minutes
<b>Test Standard</b>	EN 1364-1/BS476 part20-22
<b>Certification</b>	Intertek, Exova Warrington
<b>Finish</b>	Powder coated/ Wood finish/ meets ANSI A 250.3 and ANSI A 250.10

## Additional Features

- Alternate Stainless-steel material
- No limitation in width, height can be replicate by a separator
- Glazed panes are separated with same profiles
- Alternate glass specification
- Smoke rated as per UL1784 / BS476 section 31.1/BS EN 1634-3
- Acoustical



Fire Rated Fixed Partitions with unlimited width

# Fully Glazed Steel Partition - Unlimited Width




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**TEST REPORT FOR FIRE RESISTANCE TEST OF CONSTRUCTION ASSEMBLIES**

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 Email: [info@aldehyar.com](mailto:info@aldehyar.com)

**TEST ASSEMBLY:**  
 Non-load bearing fully glazed partition

**TEST STANDARD:**  
 EN 1363-1:2012 Fire resistance tests - Part 1: General requirements  
 EN 1363-2:2012 Fire resistance tests - Part 2: Alternative and additional procedures  
 EN 1364-1:1999 Fire resistance tests for residual bearing elements - Part 1: Walls





Test Date: 05-Oct-12  
 Issue Date: 28-Oct-12  
 Reference No: 70068





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# Fully Glazed Butt Joint System- Integrity and Insulation

## Description

Special designed fire rated butt joint system which eliminates intermediate vertical mullions. Available with both Integrity and Insulation with impact and safety rated glass.

## Specifications

Construction	Specialty designed narrow Perimeter profiles with resistive infill
Materials	Cold rolled galvanized steel sheet conform to ASTM or equivalent standard
Sheet Thickness	Making profiles with 1.5mm thick sheet
Glass	Fire rated glass for both Integrity and insulation application- joint together with special intumescent strips
Application	Interior
Fire Rating	EI 60 minutes (E-Integrity and I- Insulation)
Test Standard	EN 1364-1/ BS 476 part20-22
Certification	Intertek, Exova Warrington
Finish	Powder coated/ Wood finish/ Wet paint meets ANSI A 250.3 and ANSI A 250.10

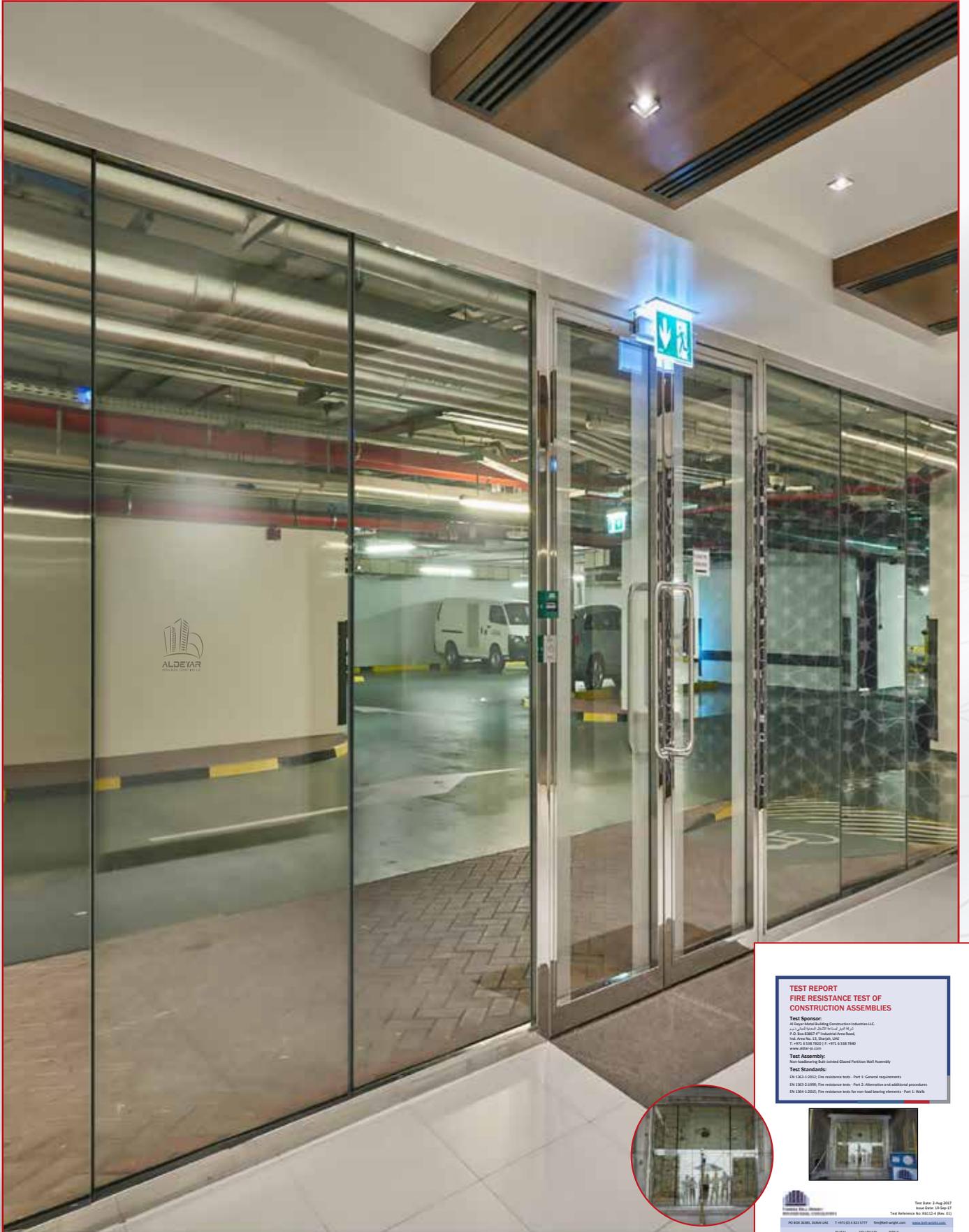
## Additional Features

- Alternate Stainless-steel material
- No limits in width
- Meeting joint with intumescent can be replace with verticle steel mullions
- Smoke rated as per UL1784 / BS476 section 31.1/BSEN 1634-3
- Approved by all Civil defense
- Acoustical



*Fire Rated Frameless Glass Partitions*

# Fully Glazed Butt Joint System- Integrity and Insulation



**TEST REPORT**  
**FIRE RESISTANCE TEST OF**  
**CONSTRUCTION ASSEMBLIES**

**Test Sponsor:**  
Al Deeyar Metal Building Construction Industries LLC  
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**Test Assembly:**  
Non-loadbearing Fully-Glazed Closed Partition Wall Assembly

**Test Standards:**  
EN 1363-1:2012, Fire resistance tests - Part 1: General requirements  
EN 1363-2:1998, Fire resistance tests - Part 2: Alternative and additional procedures  
EN 12664:2004, Fire resistance tests for non-load bearing elements - Part 3: Walls

**Test Date:** 3 Aug 2017  
**Test Date:** 09 Sep 17  
**Test Reference No:** 061214 (Rev. 01)

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DUBAI | ABU DHABI | DOHA

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# Steel Fire Rated Glazed Curtain Jansen Walls Systems Steel - (EW)

## Description

Curtain wall, constructions as part of the building envelope, which generally consists of horizontal and vertical profiles that are joined together, is anchored to the load bearing structure of the building and fitted with fixed infills and /or infills which can be opened.

It fulfils all the required functions of inner or outer wall or part thereof.

Curtain walls are designed as self-supporting constructions which transfer the dead load, dynamic loads, loads from the surroundings (wind, snow etc.) and seismic loads to the main structure of the building.

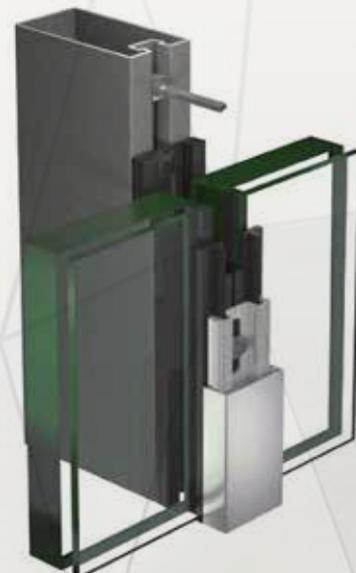
Fire rated curtain wall system is a modular façade construction for universal use. The system is suitable for vertical system with fire rating Integrity and radiation (E and EW) 120 minutes

## Specifications

Construction	Mechanically formed special narrow profile from Jansen
Materials	Cold rolled galvanized steel sheet confirm to ASTM or equivalent standard
Profile	Rectangular profile with skin thickness 1.2 to 1.8 mm
Size	3000x 3000mm (wxh) and no limitation in width
Core Or Insulation	Fully glazed- thermally insulated
Glass	Fire rated glass –confirms to EW requirement
Application	Light to extra heavy duty use as per SDI
Frame Profile	Mechanically formed special narrow profile from Jansen
Ironmongery	Tested and Certified as per door test standard BS and EN
Fire Rating	EW 120 minutes
Test Standard	EN 1-1364/ BS 476 part22-20
Certification	Intertek, Exova Warrington
Finish	Powder coated/ Wood finish/ Wet paint meets ANSI A 250.3 and ANSI A 250.10

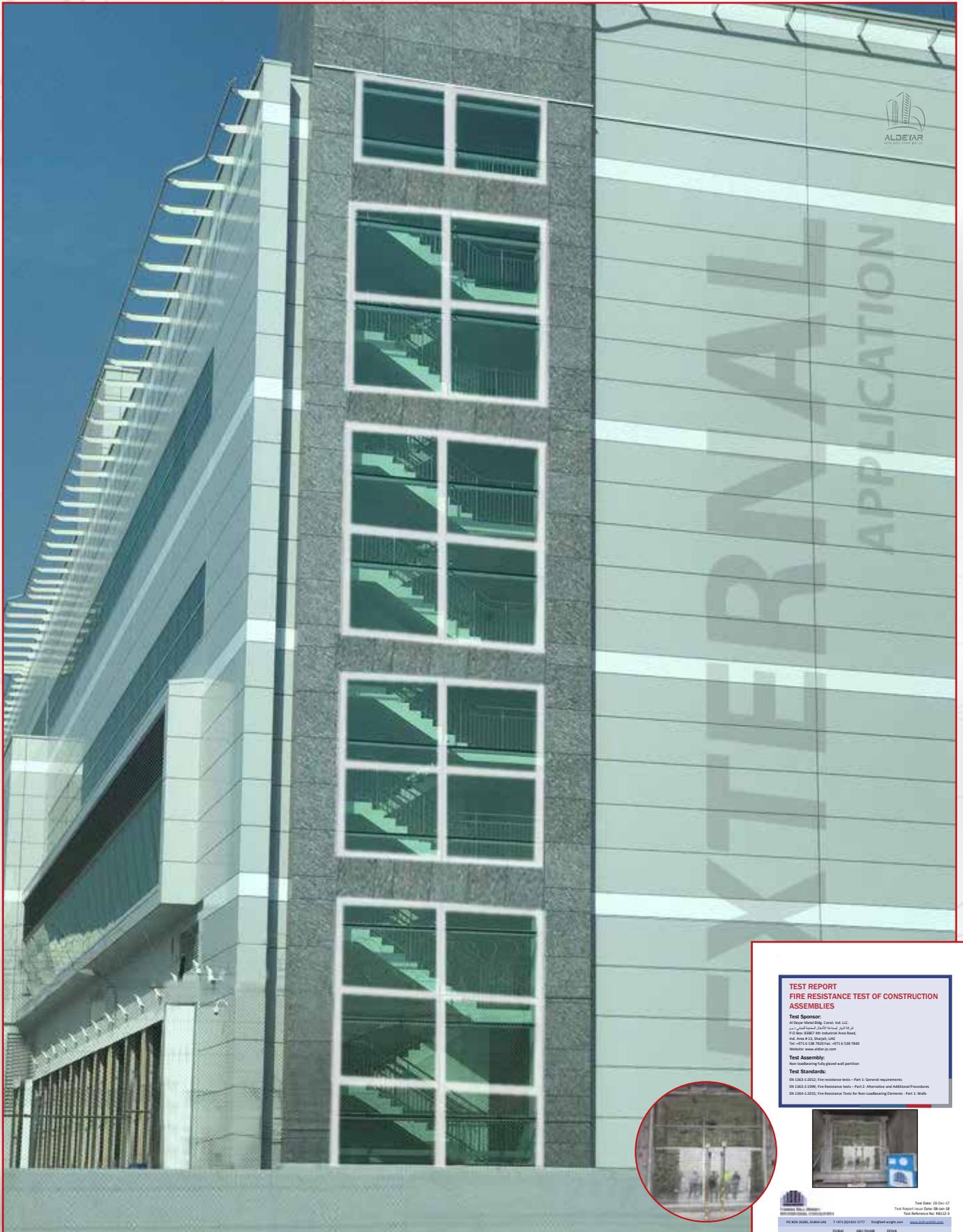
## Additional Features

- No limitation in width, height can be replicate by a separator
- Glazed panes are separated with stiles and rails
- Smoke rated as per UL1784 / BS476 section 31.1/BSEN 1634-3
- Acoustical



GI Curtain Wall Section Details

# Steel Fire Rated Glazed Curtain Jansen Walls Systems Steel - (EW)



**TEST REPORT**  
**FIRE RESISTANCE TEST OF CONSTRUCTION ASSEMBLIES**

**Test Sponsor:**  
Al Deyar Metal Bldg. Const. Int. LLC  
شركة الديار لمetal البناء والتشييد  
P.O. Box: 53862, 4th Industrial Area, Dubai,  
UAE, Area #13, Sharjah, UAE  
Tel: +971 5 281 7832 Fax: +971 5 281 7840  
Website: www.aldeyar.com

**Test Assembly:**  
Non-loadbearing fully glazed wall partition

**Test Standards:**  
EN 13659-2:2002, Fire resistance tests - Part 2: General requirements  
EN 13652-2:2009, Fire Resistance tests - Part 2: Alternative and Additional Procedures  
EN 13654-2:2005, Fire Resistance Tests for Non-Loadbearing Elements - Part 2: Walls

Test Date: 28 Dec 17  
Test Report Issue Date: 08 Jan 18  
Test Reference No: 1602-17

PO BOX 24268, Dubai, UAE T: +971 04 821 6777 [info@alshamsi.com](mailto:info@alshamsi.com)  
DUBAI ABU DHABI DOHA

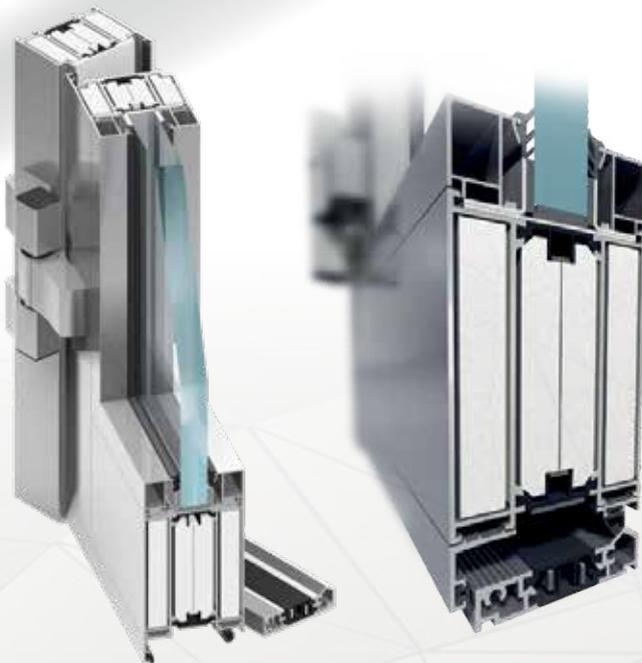
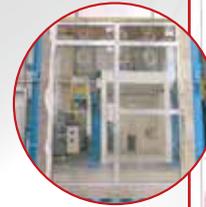
# Fire Rated Aluminium Glazed Doors and Partitions

## Description

Alternative to steel doors and partition system, special designed fully glazed aluminum fire rated system. Narrow stiles and rails with concealed hardware for good austenitic view, increased glazed area slimmer thermal break profile suitable integrity and insulation application with special fire resistive infill.

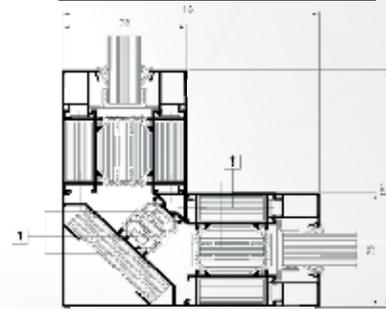
## Categories

- Aluminium Glazed Double Doors (E, EW, EI)
- Aluminium Glazed Partitions (E, EW, EI)
- Aluminum Fully Glazed Doors With Side And Transom Panels (E, EW, EI)

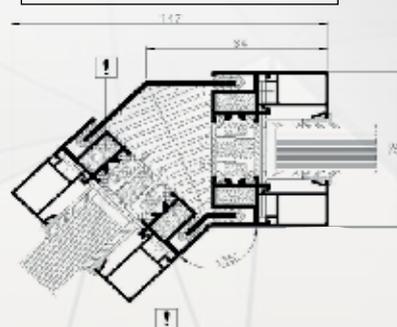


Fire Rated Aluminium Sections

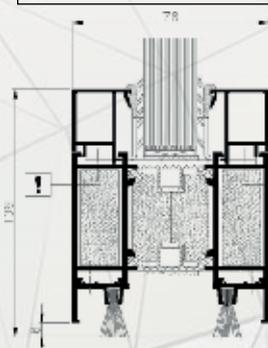
Angle joint of the fixed walls 90



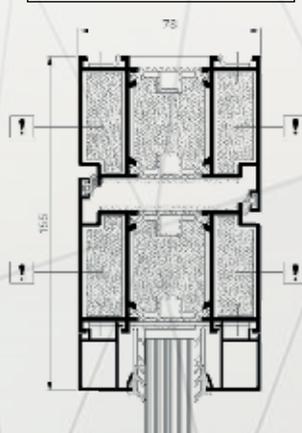
Angle joint of the fixed walls



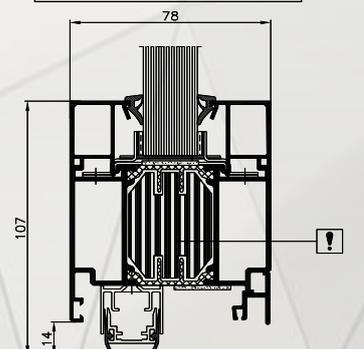
Door without a threshold - bottom cross-section



Door frame and door leaf - cross-section



Door leaf with drop seal - cross-section



# Fire Rated Aluminium Glazed Doors and Partitions



# Bullet Proof Doors & Windows

## Description

Bullet resistance doors and windows are designed to provide protection by preventing the passage of projectile at different threat levels and protect personnel against injury.

Doors and windows are suitably reinforced as required by UL and EN test criteria. Each Level have the different thickness of reinforcement and glass thickness.

## Specifications

<b>Construction</b>	Mechanically interlocked, hemmed vertical edge seam with inverted top and bottom channel welded to both face sheets /special designed windows
<b>Bullet protection sheets</b>	Thickness of protection plates are depending on threat levels as per UL and EN
<b>Materials</b>	Cover sheet is Cold rolled galvanized steel sheet confirm to ASTM or equivalent standard
<b>Gauge/Door thickness</b>	45-80mm thick door with Cover skin thickness 2mm+ Bullet proof protection sheet as per Threat level
<b>Core or insulation</b>	Honeycomb with Ballistic Sheet
<b>Frame gauge/Jamb depth</b>	2mm up to 500mm- No limits
<b>Test Standard</b>	UL752, EN 1522/1523 and Glass as per EN 1063
<b>Levels</b>	UL752 Level-3 and Level 8 doors and windows, FB4 and FB6 doors and windows
<b>Finish</b>	Powder coated/ Wood finish/ meets ANSI A 250.3 and ANSI A 250.10

Bullet resistance doors and windows. UL and EN

## Additional Features

- Seamless welded design
- Vision panel
- Alternate Stainless-steel material
- Knock down frame /Groove frame with kerf gasket
- Smoke rated as per UL1784 / BS476 section 31.1/BSEN 1634-3
- STC rated

## Typical application areas are

1. Embassies
2. VIP Offices
3. Guard House
4. Cashier Rooms
5. Bank court houses
6. Military buildings
7. Control rooms
8. Cashier area
9. Jewelry shops & ETC.



Bullet Proof Steel Door

# Bullet Proof Doors & Windows



# Fire Door Selection Guide

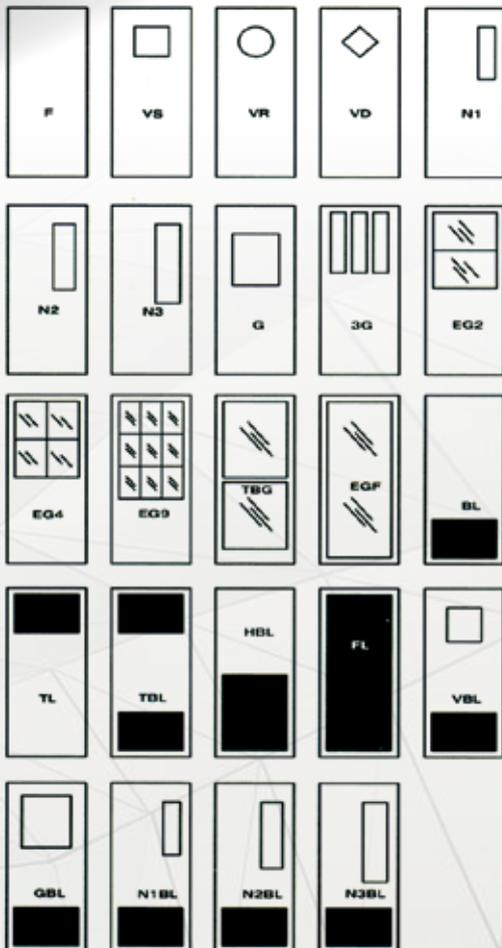
At Al Deyar, we are equipped to offer Fire Doors tested and certified to British Standards. European standard/ UL standard the significant requirements of this standards are listed below.



## British Standards

BS 476, Parts 20 & 22.

- A fire door MUST be self-closing. Only the active door leaf of an access panel (service ducts) or cupboards, can however be installed without a closer but with a dead lock and a “Fire Door, Keep Shut” sign placed clear on the door face.
- Unless shown to be satisfactory when tested as part of a fire door assembly, the components on which the door is hung should be fire rated.
- If a fire door is held open, it must be equipped with a tested, automatic release mechanism actuated by an automatic fire detection and alarm system, fusible link (not if door is fitted in an opening provided as means of escape), or a door-closed delay device.
- Signs and other items of hardware containing plastic should not be fitted on the non-fire side of the metal door or frame



Basics	
F	Full flush
VS	Vision small
VR	Vision round
VD	Vision diamond
N1	Narrow lite
N2	Narrow lite
N3	Narrow lite
G	Half glass
3G	3 Glass
EG2	Etched glass 2 section
EG4	Etched glass 4 section
EG9	Etched glass 9 section
TBG	Top & bottom glass
EGF	Etched glass full
BL	Bottom louver
TL	Top louver
TBL	Top bottom louver
HBL	Half bottom louver
FL	Full louver
VBL	Vision + bottom louver
GBL	Half glass with bottom louver
N1BL	Narrow lite
N2BL	Narrow lite with bottom louver
N3BL	Narrow lite

# Fire Door Selection Guide

For this, the door must serve as a fire and smoke barrier.

Studies have shown that more people have lost lives due to smoke asphyxiation than fire.

Fire Doors must serve four main functions

- serve as a regular door at all times and provide ready egress from a fire area during a fire
- inhibit spreading of fire
- protect life and property by reducing smoke hazards.

When an opening requires strength, durability, or maximum fire resistance, steel doors and frames provide the qualities to meet these needs. Due to growing access control needs, fire doors have today evolved to accommodate the growing electrified functions a door must support.

Designed to meet the life-safety requirements in various types of buildings and structures, Al Deyar fire doors help in contending the spread of fire. These doors complement existing passive fire-fighting systems.

These doors also meet all the stipulated international, national and regional fire safety standards. These doors are available with honeycomb core as standard infill material with other optional cores. These doors are rated for 45, 60, 90, 100, 120, 180 & 240 minutes' fire withstanding ability. All fire doors are factory finished with Powder coating.

## Applications

These doors can be used in high-rise buildings, metro railway stations, telecom centers, power plants, cellular network stations, garment processing units, shopping malls, industrial plants, multiplexes, hotels, auditoriums, software parks, restaurants, warehouses and labor camps etc. Al Deyar doors and frames are designed to perform in the most demanding environment.

## Warranties

All our products carry a warranty of 1 year against manufacturing defects.

## Features

- Available in galvanised or stainless steel
- BMTRADA, WARRINGTON CERTIFIER & INTERTEK certified labeled doors for 60, 120, 180 & 240 minutes
- Clear vision Panel for up to 240 minutes' fire rating
- No welding joints and sharp edges, interlocking at the stiles
- Factory prepped to receive all types of hardware
- High aesthetics and robust structure
- Fully flush constructions
- Easy to install on a flush wall opening & dry wall partitions
- Factory finished for primer and paint finishes.

## Standards and Certifications

- Fire doors are tested as per BS/EN and UL standards

## Optional Features

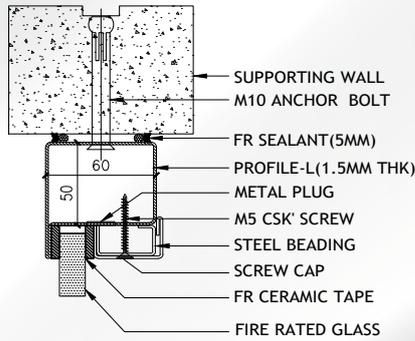
- Wood Grain can be provided as an optional finish.

## Matching appearance

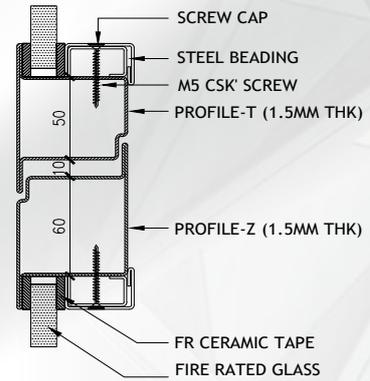
Al Deyar advises Door leaf, Frames and components from one Source!



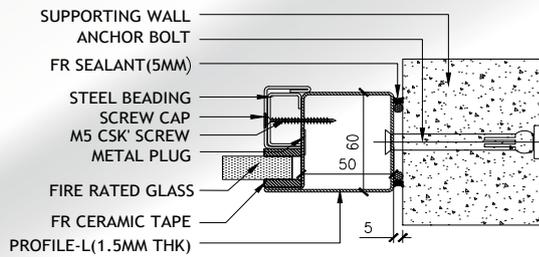
# Shado Profile Details



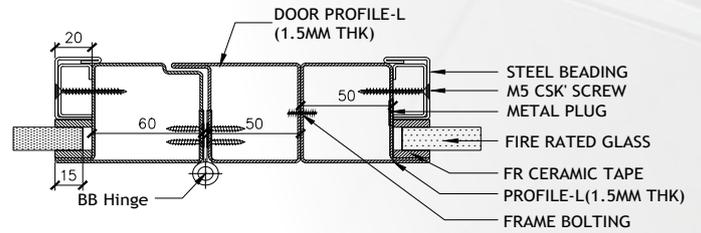
SECTION - PANEL HEADER



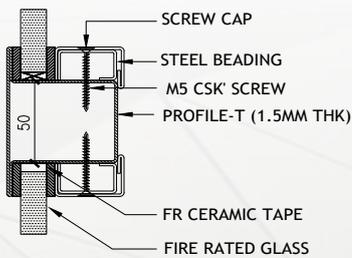
SECTION - DOOR HEADER



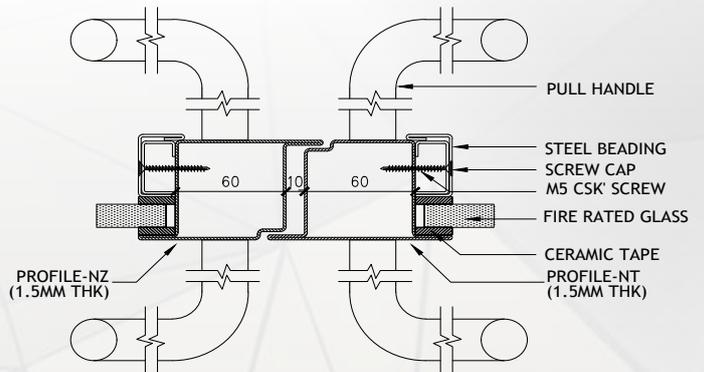
SECTION - PANEL SIDE JAMB



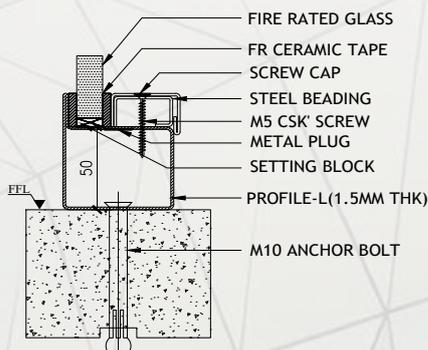
SECTION - DOOR HINGE JAMB +  
SIDE FIXED PANEL



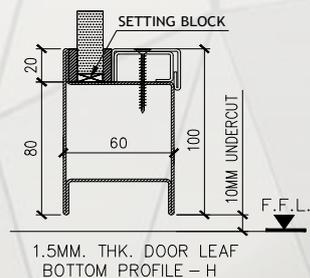
SECTION - PANEL DIVIDER



SECTION - DOOR OPENING DETAILS



SECTION - PANEL BOTTOM

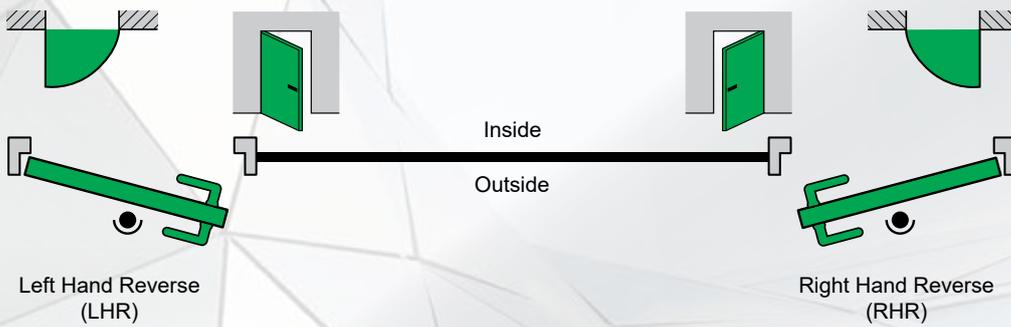
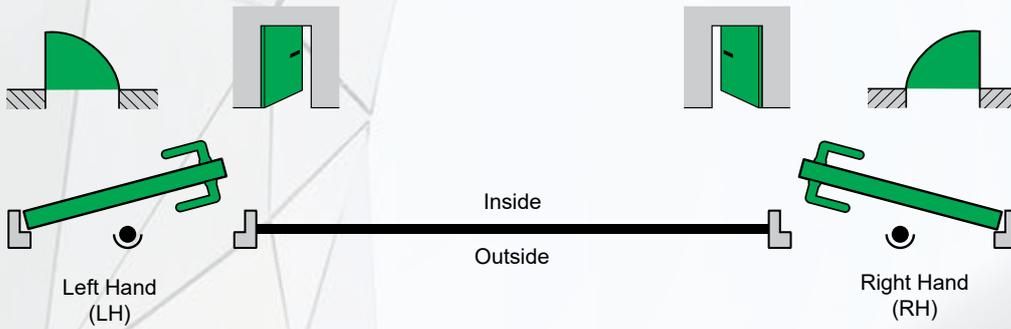


SECTION - DOOR BOTTOM

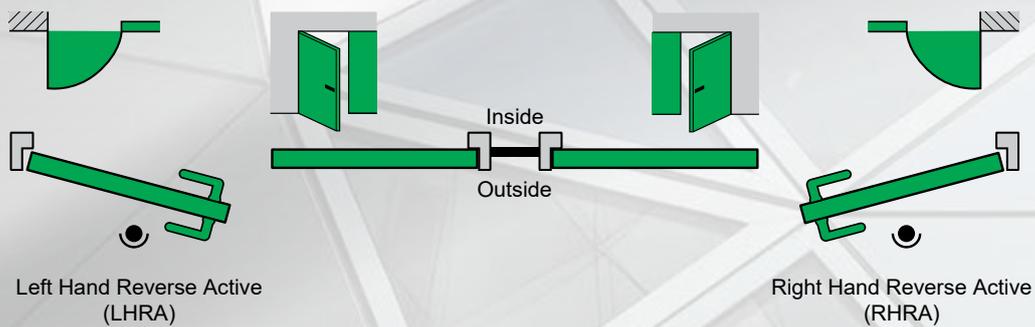
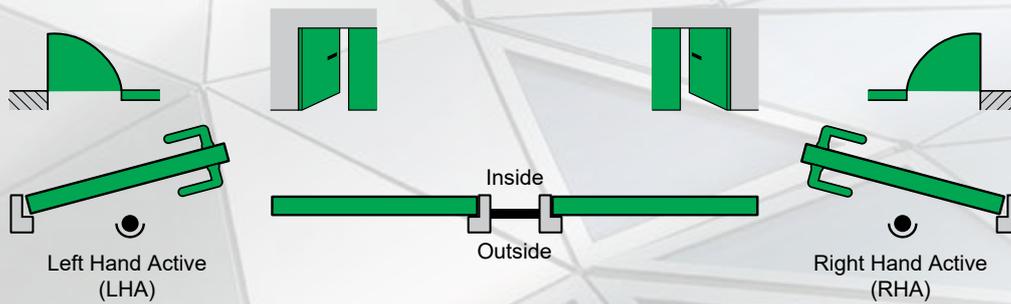
# Door Handling

Universal handing of Doors according to UAE reading conventions

## Single Leaf Door



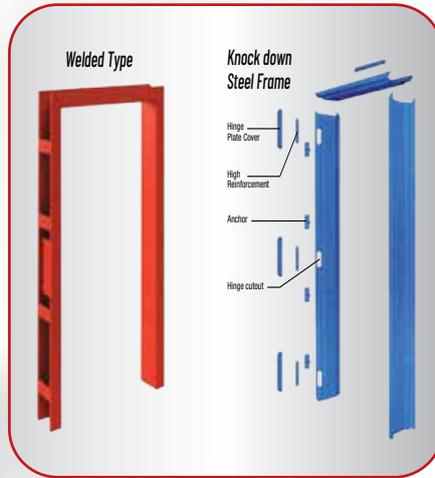
## Double Leaf Door



# FIRE RATED DOORS FULL RANGES



**Steel Door Construction Overview**



**Steel Frame Construction**



**Door Infill Details, Vision Panel & Fire Rated Louver Details**



**Fire Rated Single Leaf Doorset With / Without Vision Panel**



**Fire Rated Double Leaf Doorset With / Without Vision Panel**



**Fire Rated Access Panel**



**Adwea / AADC Approved Fully Louvered (Substation Sand Trap Doors and Windows)**



**Fully Louvered Doors (Substation Sand Trap Doors)**



**Fire Rated Wooden Doors**

# FIRE RATED DOORS FULL RANGES



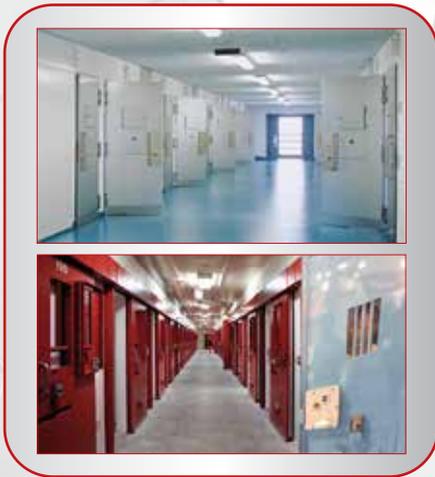
**Garbage And Linen Chute Doors (Fire Rated)**



**Garbage Chute with Foot Pedal**



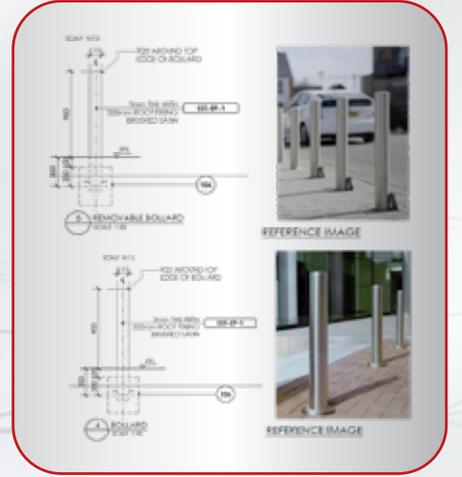
**Manufacturer Of Fire Cabinets**



**Security And Detention Doors & Windows**



**Steel And Stainless Steel Hand Rails**



**Steel and Stainless steel Bollard Bar**



**Rolling Shutters**



**Sectional Overhead Doors**



**Armour Type Villa Doors**



Scan QR for Catalogue



**الديار لصناعة الاتتغال المعدنيه للمباني**  
**ALDEYAR METAL BLD. CONS. IND**  
**(EGYPT)**

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