



Rayan Plus

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RAYAN PLUS FACTORY FOR INDUSTRY

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RAYAN PLUS INDUSTRY FACTORY

FD60

FIRE RATED WOODEN DOOR SYSTEM

FD60 نظام الباب الخشبي المقاوم للحريق

TECHNICAL SHOP DRAWINGS



FIRE RESISTANCE RATING

60 MINUTES

This document contains the technical shop drawings, construction details, frame configurations, glazing options, intumescent seal arrangements and installation requirements for the FD60 Fire Rated Wooden Door System submitted for certification assessment.



DOOR LEAF SIZE	910 x 2146 mm
OVERALL FRAME SIZE	977 x 2185 mm
TOP GAP	3 mm
BOTTOM GAP	6 mm



DOOR
CONFIGURATIONS



FRAME
DETAILS



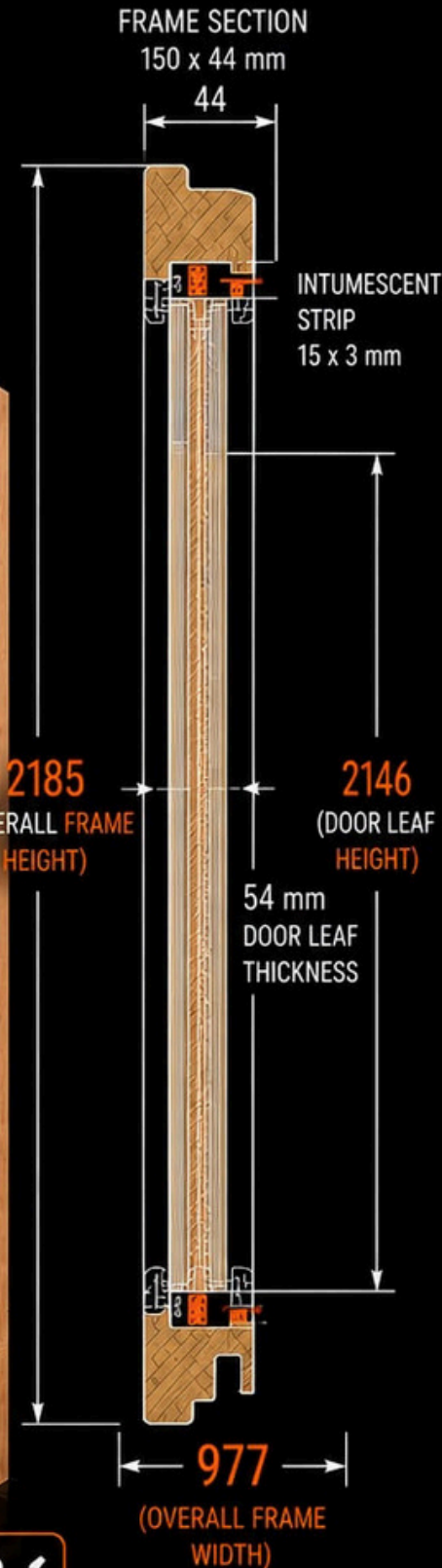
INTUMESCENT SEAL
ARRANGEMENTS



GLAZING
OPTIONS



INSTALLATION
REQUIREMENTS



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DOCUMENT CONTROL & PROJECT INFORMATION

بيانات المشروع والتحكم بالمستند



1. PROJECT INFORMATION

1. بيانات المشروع

ITEM	DESCRIPTION
	Product FD60 Fire Rated Wooden Door
	Manufacturer Rayan Plus Factory for Industry
	Fire Rating 60 Minutes
	Door Size (Leaf) 910 × 2146 mm
	Door Thickness 54 mm
	Core Material Halspan 60 Optima
	Frame Section 150 × 44 mm Hardwood
	Door Type Single Leaf
	Drawing Package Technical Shop Drawings
	Frame Size 977 × 2185 mm



2. DOCUMENT PURPOSE

2. الغرض من المستند



This document contains all technical shop drawings, construction details, approved material specifications, hardware requirements and installation guidelines for the FD60 Fire Rated Wooden Door System.

يحتوي هذا المستند على جميع الرسومات التنفيذية والتفاصيل الإنشائية ومواصفات المواد المعتمدة ومتطلبات الهاردوير وتعليمات التركيب الخاصة بنظام الباب الخشبي المقاوم للحريق FD60.

3. APPLICABLE STANDARDS

3. المراجع والمعايير



EN 1634-1



BS 476 Part 22



Halspan FD60 Certification



Fire Rated Hardware Requirements

4. REVISION RECORD

4. سجل المراجعات

REVISION	DESCRIPTION	DATE
Rev.00	Initial Submission	June 2026

5. PREPARED BY

5. إعداد



Rayan Plus Factory for Industry
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DOOR SCHEDULE & GENERAL INFORMATION

جدول الباب والبيانات العامة



1. GENERAL SPECIFICATIONS

Door Type	Single Leaf Fire Rated Wooden Door
Fire Resistance Rating	FD60 – 60 Minutes
Door Leaf Size (W x H)	910 x 2146 mm
Door Leaf Thickness	54 mm
Core Material	Halspan 60 Optima FD60
Frame Material	Hardwood
Frame Section	150 x 44 mm
Lipping	Hardwood 6 mm
Opening Direction	As Per Architectural Drawings
Finish	Oak / Sapele Veneer

2. DIMENSIONAL DATA

Door Leaf Width	910 mm	
Door Leaf Height	2146 mm	
Frame Overall Width	977 mm	
Frame Overall Height	2185 mm	
Top Gap	3 mm	
Side Gap (Hinge Side)	3 mm	
Side Gap (Lock Side)	3 mm	
Bottom Gap	6 mm	



NOTE:

All dimensions are in millimetres (mm).
Tolerances: ± 2 mm unless otherwise specified.

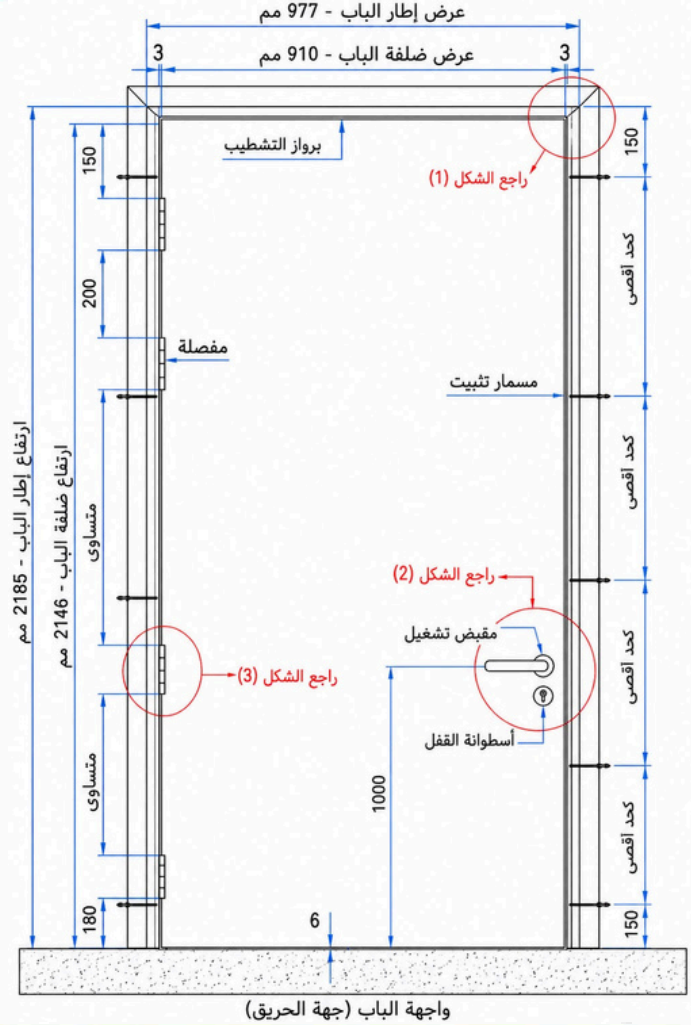
4. SYSTEM COMPONENTS

Halspan 60 Optima FD60 Core	Hardwood Frame 150 x 44 mm	Hardwood Lipping 6 mm	Intumescent Strip 15 x 4 mm	Fire Rated Expanding Foam	Fire Rated Sealant	Fire Rated Hinges	Fire Rated Lockset	Euro Profile Cylinder

5. SYSTEM DESCRIPTION

This FD60 Fire Rated Wooden Door System has been designed and manufactured in accordance with approved fire resistance requirements and shall be installed strictly as detailed in the following technical shop drawings.

3. DOOR ELEVATION (FIRE SIDE VIEW) (منظر الباب (جهة الحريق)



3D VISUAL REFERENCE

امنتظر التلاتي الأبعاد



تم تصميم وتصنيع نظام الباب الخشبي المقاوم للحريق FD60 وفقاً لمتطلبات مقاومة الحريق المعتمدة ويجب تركيبه طبقاً للتفاصيل الموضحة في الرسومات التنفيذية التالية.





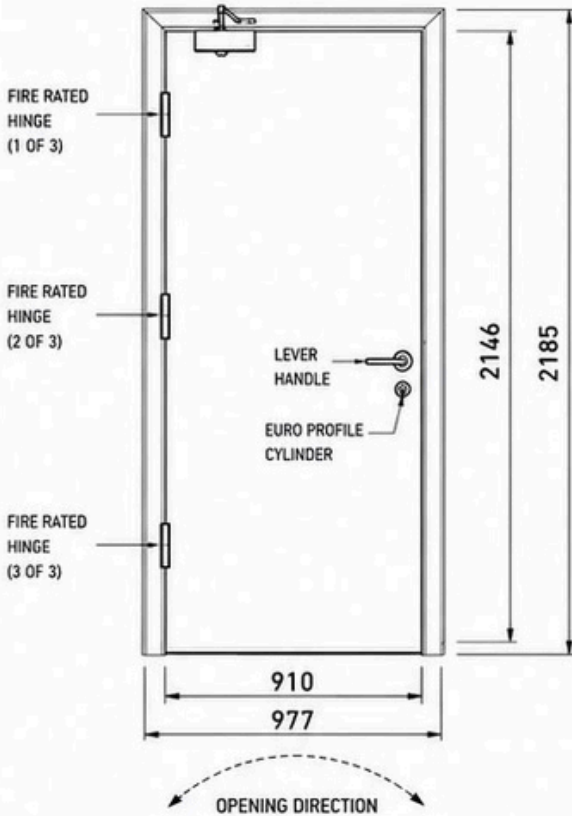
05

DOOR ELEVATION

المسقط الأمامي للباب



1. DOOR ELEVATION (FIRE SIDE VIEW)

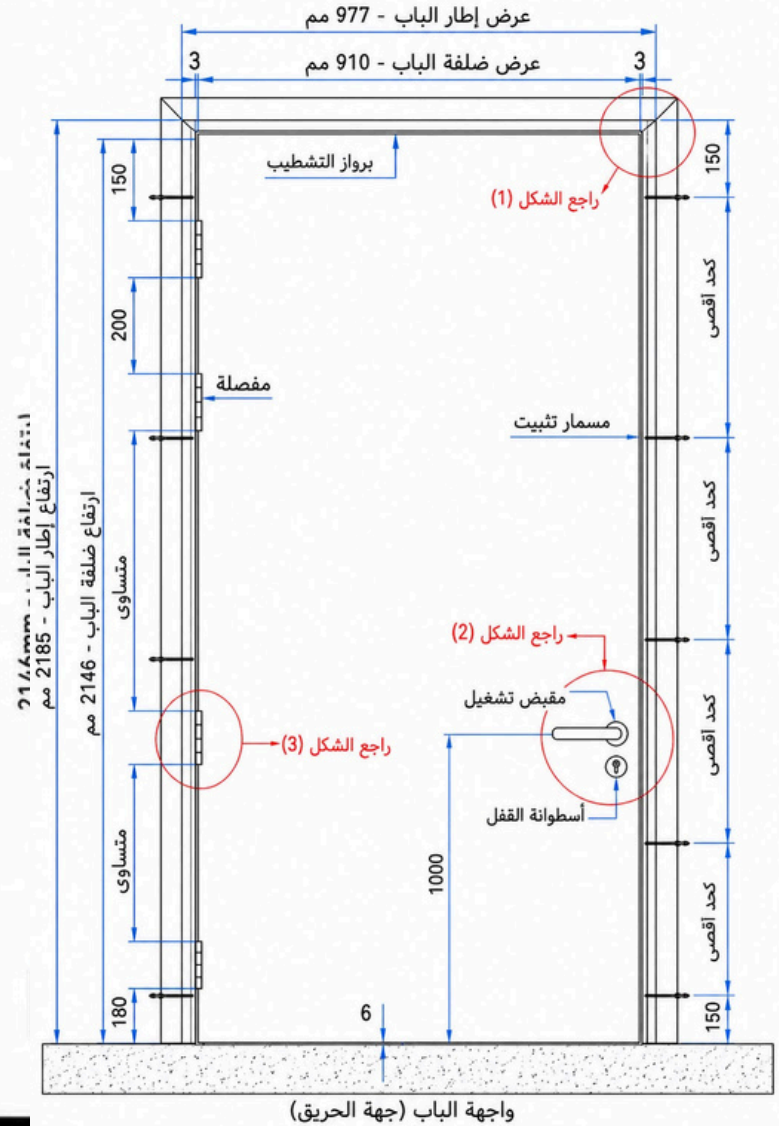


DOOR INFORMATION

Item	Specification
Door Type	FD60 Fire Rated Door
Width	910 mm
Height	2146 mm
Thickness	54 mm
Core	Halspan 60 Optima
Veneer Finish	Oak / Sapele Veneer
Frame Section	150 x 44 mm
Rating	60 Minutes
Leaf Direction	Single Leaf (Right Hand / Push)

3. DOOR ELEVATION (FIRE SIDE VIEW)

منظر الباب (جهة الحريق)



3. DETAIL REFERENCES

REFERENCE	DETAIL
Figure 1	Detail A
Figure 2	Detail D
Figure 3	Detail C

4. NOTE



All dimensions are in millimeters (mm).
Refer to Detail A, B, C & D for
construction details.

جميع الأبعاد بالملمتر (مم).
يرجى الرجوع إلى التفاصيل
A,B,C,D لمزيد من التفاصيل الإنشائية.

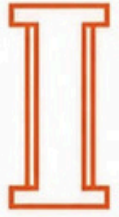




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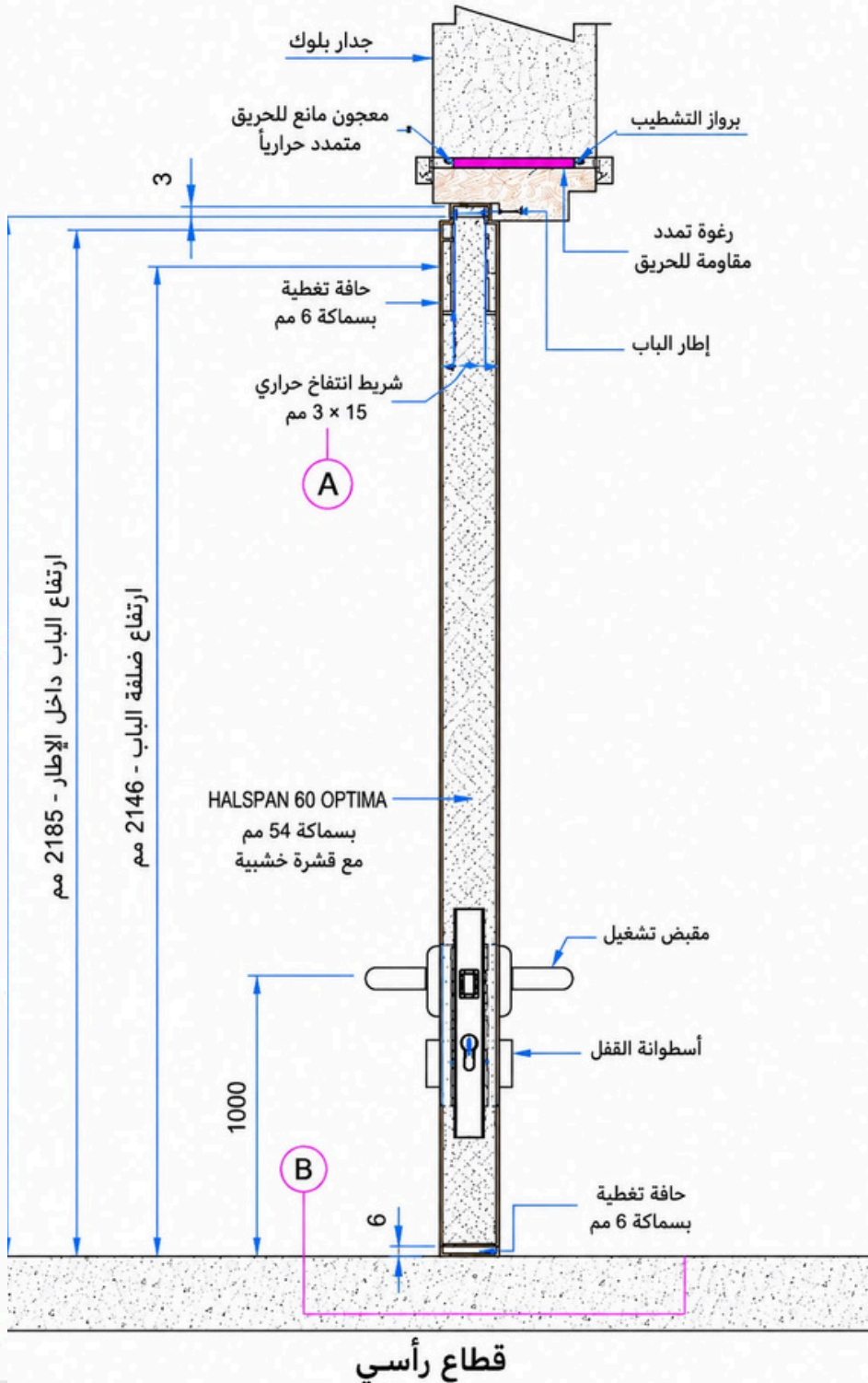
VERTICAL SECTION DETAILS

تفاصيل القطاع الرأسي



1. VERTICAL SECTION (SECTION A-B)

القطاع الرأسي (A-B)



2. SECTION INFORMATION

ITEM	VALUE
Drawing Type	Vertical Section
Door Rating	FD60
Door Thickness	54 mm
Frame Section	150 x 44 mm
Core Material	Halspan 60 Optima
Intumescent Seal	3 x 15 mm
Bottom Gap	6 mm

3. NOTES

- All dimensions are in millimeters.
- Refer to Detail A for head jamb arrangement.
- Refer to Detail B for threshold arrangement.
- Intumescent seal to be installed as approved certification.
- Installation shall comply with approved fire door specifications.





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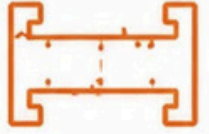
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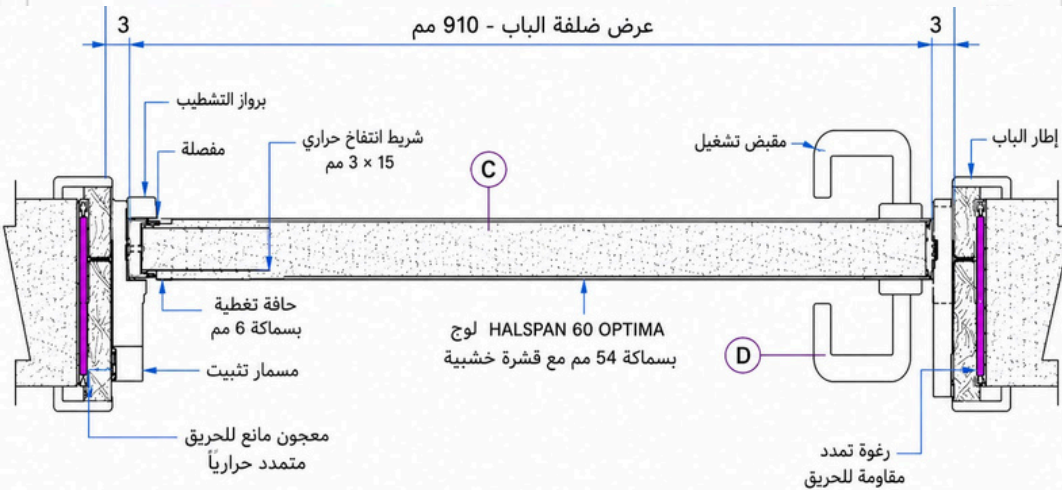
HORIZONTAL SECTION DETAILS

تفاصيل القطاع الأفقي



1. HORIZONTAL SECTION (SECTION C-C)

القطاع الأفقي (C-C)



2. COMPONENTS & MATERIALS

ITEM	DESCRIPTION
Door Leaf	54 mm Thick Halspan 60 Optima Fire Core
Door Frame	Hardwood 150 x 44 mm
Intumescent Seal	15 x 3 mm (Single Flap)
Wall Type	Masonry / Concrete Wall
Fire Rating	FD60

3. NOTES

- All dimensions are in millimeters.
- Refer to Detail C for hinge side jamb arrangement.
- Intumescent seal to be installed on both sides of frame and door leaf.
- Installation shall comply with approved fire door specifications.





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DETAIL B – THRESHOLD DETAIL

تفصيل B – تفصيل العتبة

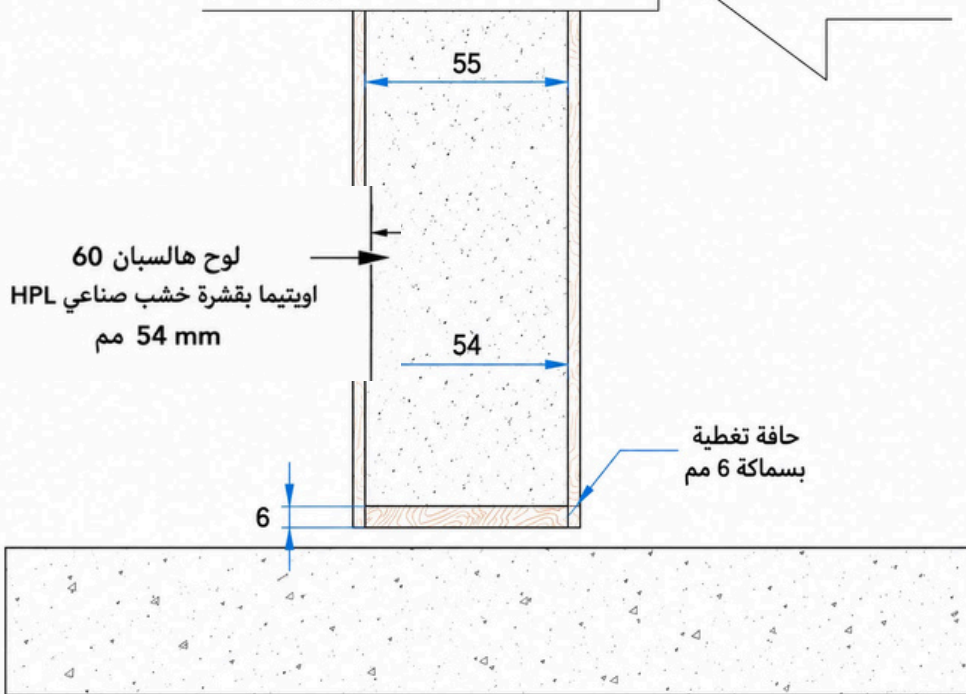
B



1. DETAIL B (THRESHOLD DETAIL)

تفصيل B (تفصيل العتبة)

(B) التفصيل / DETAIL B



2. COMPONENTS

ITEM	DESCRIPTION
Door Leaf	54 mm Thick Halspan 60 Optima Fire Core
Door Frame	150 x 44 mm Hardwood
Intumescent Seal	15 x 3 mm (Both Sides)
Threshold Plate	MS Plate 1.5 mm Thick
Fixing Screws	Suitable for floor type
Bottom Gap	6 mm
Fire Rating	FD60

3. NOTES

- All dimensions are in millimeters.
- Provide 6 mm bottom gap between door leaf and finished floor level.
- Intumescent seal to be installed on both sides of door leaf.
- Threshold plate to be fixed with suitable screws as per floor type.
- Refer to vertical section for complete assembly.



FD60 FIRE RATED WOODEN DOOR SYSTEM
TECHNICAL SHOP DRAWINGS



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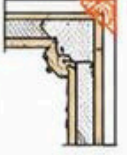
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DETAIL C – HINGE SIDE JAMB DETAIL

تفصيل C – تفصيل جانب المفصلات

C



1. DETAIL C (HINGE SIDE JAMB DETAIL)

تفصيل C (تفصيل جانب المفصلات)

2. COMPONENTS

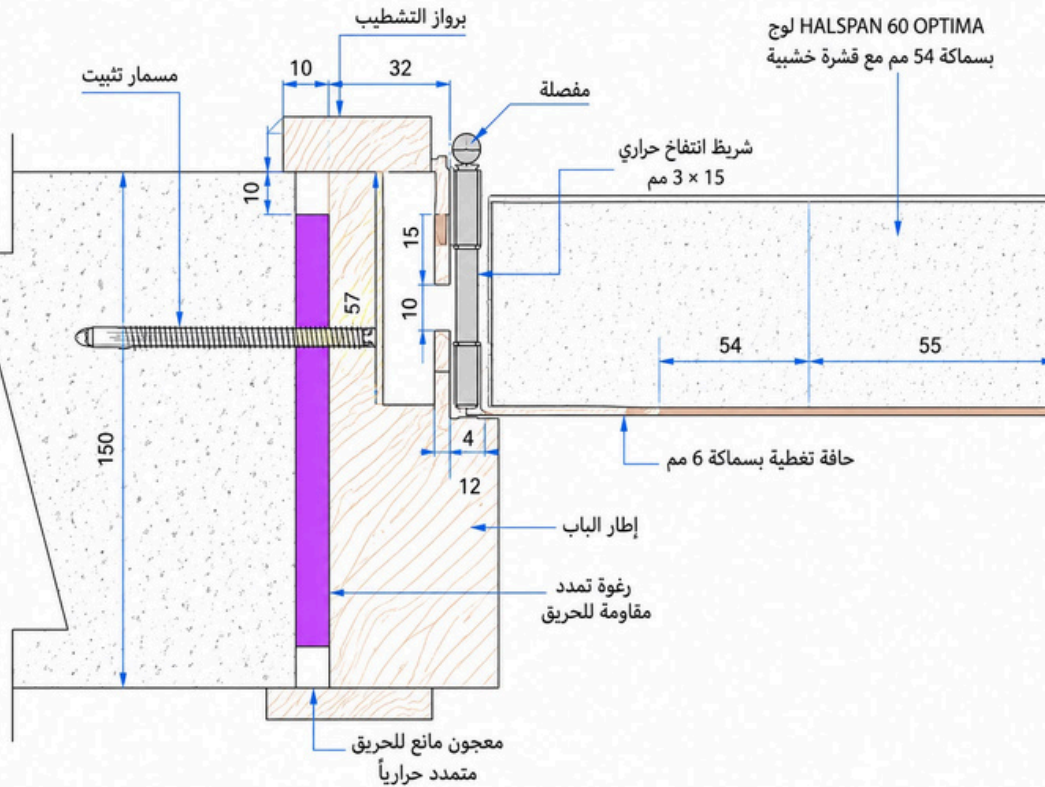
ITEM	DESCRIPTION
Door Frame	150 × 44 mm Hardwood
Door Leaf	54 mm Thick Halspan 60 Optima Fire Core
Intumescent Seal	15 × 3 mm (Single Flap)
Hinge	Fire Rated Hinge (3 Nos.)
Fixing Screws	Suitable for wall type
Wall Type	Masonry / Concrete Wall
Fire Rating	FD60

3. NOTES

- All dimensions are in millimeters.
- Intumescent seal to be installed on hinge side jamb.
- Hinges to be 3 pieces fire rated with CE certification.
- Fixing screws to be suitable for wall type and fire rated use.
- Refer to vertical section for complete assembly.



(C) التفصيل / DETAIL C



FD60 FIRE RATED WOODEN DOOR SYSTEM
TECHNICAL SHOP DRAWINGS



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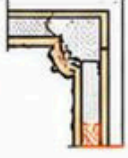


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DETAIL D – LOCK SIDE JAMB DETAIL

تفصيل D – تفصيل جانب القفل

D



1. DETAIL D (LOCK SIDE JAMB DETAIL)

تفصيل D (تفاصيل جانب القفل)

(D) التفصيل / DETAIL D

لوحة هالسبان 60 OPTIMA

أويتما بقرشة خشب صناعي HPL
54 mm

3 x 15 مم

مقبض تشغيل

برواز التشطيب

مسامير تثبيت

32

10

10

150

15

57

10

4

12

55

54

حافة تغطية بسماكة 6 مم

إطار الباب

رغوة تمدد
مقاومة للحريق

معجون مانع للحريق
متمدد حرارياً

2. COMPONENTS

ITEM	DESCRIPTION
Door Frame	150 x 44 mm Hardwood
Door Leaf	54 mm Thick Halspan 60 Optima Fire Core
Intumescent Seal	15 x 3 mm (Single Flap)
Lock	Fire Rated Lock (CE Certified)
Face Plate	Stainless Steel
Fixing Screws	Suitable for wall type
Wall Type	Masonry / Concrete Wall
Fire Rating	FD60

3. NOTES

- All dimensions are in millimeters.
- Intumescent seal to be installed on lock side jamb.
- Lock to be fire rated and CE certified.
- Fixing screws to be suitable for wall type and fire rated use.
- Refer to vertical section for complete assembly.





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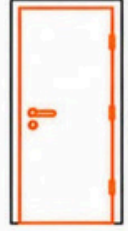
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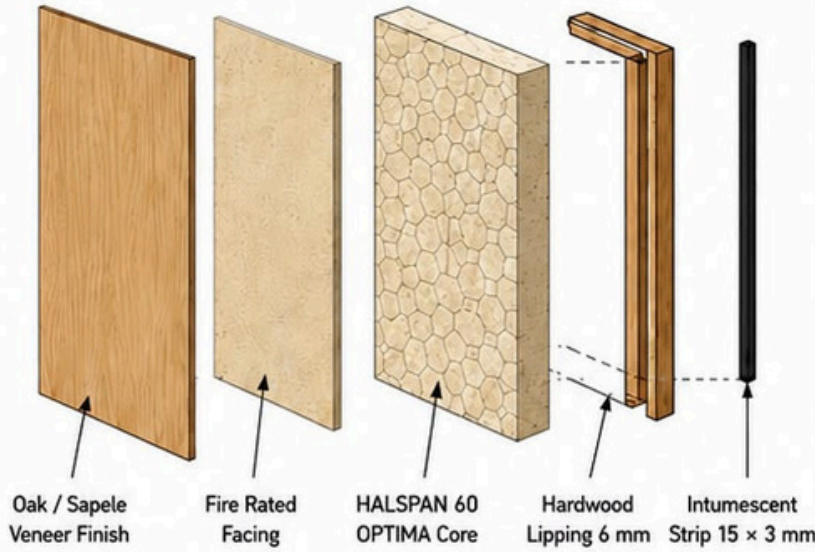
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DOOR LEAF CONSTRUCTION

تركيب ضلفة الباب



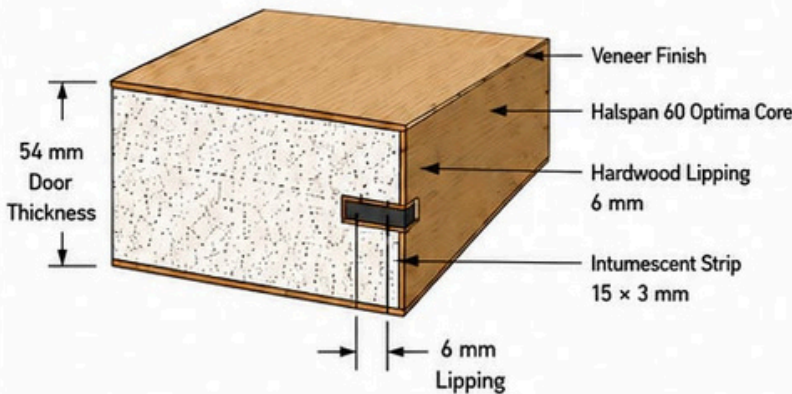
1. EXPLODED 3D VIEW



2. DOOR LEAF BUILD-UP

COMPONENT	SPECIFICATION
Door Core	Halspan 60 Optima FD60
Door Thickness	54 mm
Veneer Finish	Oak / Sapele
Hardwood Lipping	6 mm
Fire Resistance Rating	60 Minutes
Intumescent Strip	15 x 3 mm
Door Leaf Width	910 mm
Door Leaf Height	2146 mm

3. CROSS SECTION



4. SYSTEM COMPONENTS

 Halspan Core	 Veneer Finish	 Hardwood Lipping
 Intumescent Strip 15 x 3 mm	 Fire Rated Adhesive	 Fire Rated Sealant

5. SYSTEM DESCRIPTION

ENGLISH

The FD60 door leaf is manufactured using HALSPAN 60 OPTIMA fire resistant core with hardwood lipping and natural wood veneer finish.

The assembly is designed to achieve a fire resistance rating of 60 minutes in accordance with approved test evidence.



العربية

تم تصنيع ضلفة الباب باستخدام قلب مقاوم للحريق من نوع HALSPAN 60 OPTIMA مع حواف خشب صلب وقشرة خشبية طبيعية، بما يحقق مقاومة للحريق لمدة 60 دقيقة طبقاً للشهادات والاختبارات المعتمدة.



FD60 FIRE RATED WOODEN DOOR SYSTEM
TECHNICAL SHOP DRAWINGS



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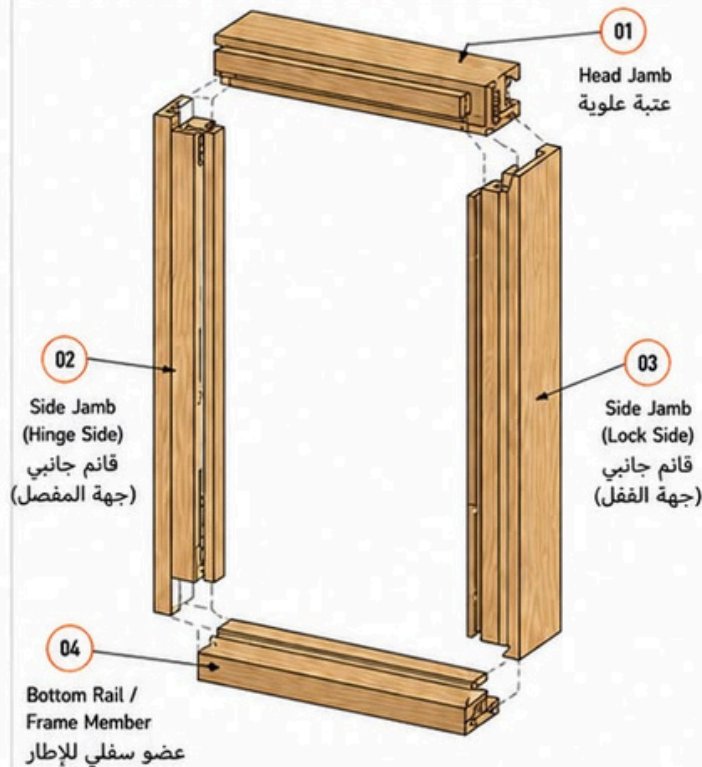
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FRAME CONSTRUCTION

تركيب الإطار (البراويز)



1. EXPLODED 3D VIEW

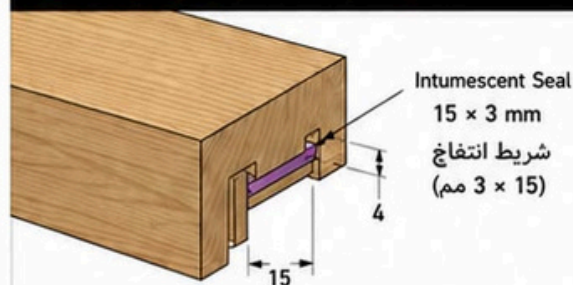


2. FRAME COMPONENTS & SECTIONS

ITEM		DESCRIPTION	SECTION (mm)	SPECIFICATION
01		Head Jamb (Top)	150 x 44	Hardwood
02		Side Jamb (Hinge Side)	150 x 44	Hardwood
03		Side Jamb (Lock Side)	150 x 44	Hardwood
04		Bottom Rail / Frame Member	150 x 44	Hardwood

NOTE: All frame sections are 150 mm (depth) x 44 mm (thickness) manufactured from hardwood and machined as per approved drawings.

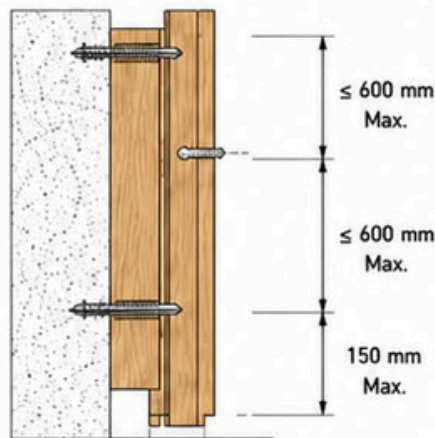
3. INTUMESCENT SEAL GROOVE DETAIL



Continuous groove to accommodate intumescent seal on head and both jambs.

مجرى مستمر لتركيب شريط الانتفاخ في العتبة العلوية وقائتي الإطار جانبي.

4. FRAME FIXING DETAILS



FIXING REQUIREMENTS:

- Fixing screws/dowels to be fire rated and approved.
- Maximum fixing centers 600 mm vertically.
- First fixing point to be within 150 mm from top and bottom.
- Frame to be fixed to solid wall with minimum screw size 6 x 80 mm.
- All gaps to be sealed as per installation requirements.

5. FRAME ASSEMBLY NOTES

- All frame components to be machine jointed and glued using fire rated adhesive.
- Joints to be tight fitting and clamped until adhesive is fully cured.
- Intumescent seal to be installed in the groove before frame installation.
- Frame to be sanded, primed and finished as per approved schedule.



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HARDWARE SCHEDULE & SPECIFICATIONS

جدول الهاردوير والمواصفات



1. HARDWARE OVERVIEW



Fire Rated Hinges



Mortise Lockcase



Euro Profile Cylinder



Lever Handle Set



Door Closer



Frame Fixing Screws

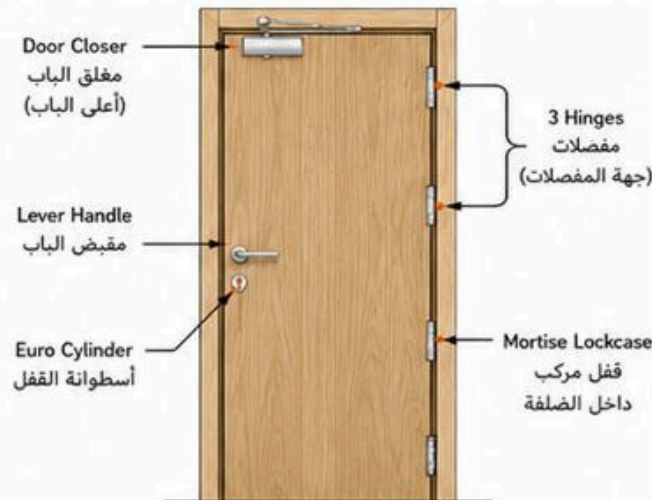
2. HARDWARE SCHEDULE

ITEM	DESCRIPTION	QTY
H1	Fire Rated Hinges	3 Nos
H2	Mortise Lockcase	1 No
H3	Euro Profile Cylinder	1 No
H4	Lever Handle Set	1 Set
H5	Door Closer	1 No
H6	Fixing Screws	As Required

3. TECHNICAL SPECIFICATIONS

COMPONENT	SPECIFICATION
Hinges	CE Marked Fire Rated Hinges – 4" x 3mm Thick
Lockcase	Mortise Fire Rated Lock – 72 mm Backset
Cylinder	Euro Profile Cylinder – 70 mm (30/40)
Handle	Stainless Steel Lever Handle Set
Door Closer	Fire Rated Overhead Door Closer EN 1154
Screws	Corrosion Resistant Steel – Fire Rated

4. HARDWARE LOCATIONS



5. COMPLIANCE

ENGLISH

All hardware components shall be approved fire-rated products compatible with the FD60 door assembly and installed according to the manufacturer's instructions.



العربية

يجب أن تكون جميع مكونات الهاردوير معتمدة ومقاومة للحريق ومتوافقة مع نظام الباب FD60 ويتم تركيبها وفق تعليمات الشركة المصنعة.



SYSTEM COMPONENTS



Fire Rated Hinges



Mortise Lock



Euro Cylinder



Lever Handle



Door Closer



Fixing Screws

NOTES:

- All hardware shall be fire rated and listed for 60 minutes fire resistance.
- Hardware to be installed strictly as per approved shop drawings.
- Test evidence and certificates to be provided upon request.



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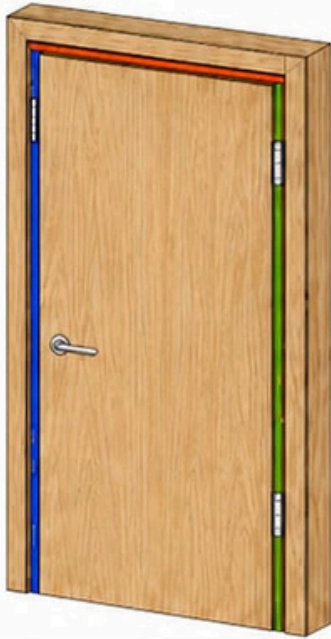
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INTUMESCENT STRIP LAYOUT

تركيب شرائط الانتفاخ المتعددة



1. INTUMESCENT STRIP LAYOUT OVERVIEW



- Top (Head)
أعلى الإطار
- Hinge Side
جهة المفصلات
- Lock Side
جهة القفل

STRIP SPECIFICATION

Intumescent Strip

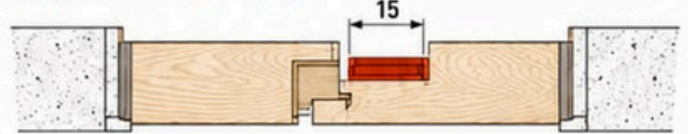
شريط انتفاخ

15 x 3 mm



2. STRIP LOCATIONS

Top (Head Frame) - أعلى الإطار



Hinge Side (Frame) - جهة المفصلات



Lock Side (Frame) - جهة القفل



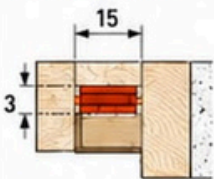
NOTE:

All intumescent strips are 15 mm wide x 3 mm thick.

ملاحظة: جميع شرائط الانتفاخ مقاس 15 مم عرض x 3 مم سمك.

3. DETAILED SECTIONS

A. TOP (HEAD)

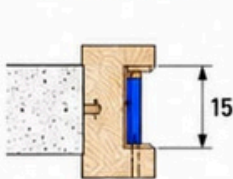


أعلى الإطار

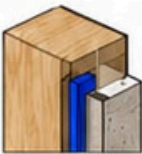


Intumescent Strip 15 x 3 mm
شريط انتفاخ 3 x 15 مم

B. HINGE SIDE

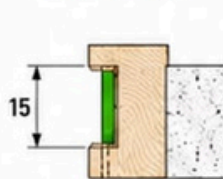


جهة المفصلات



Intumescent Strip 15 x 3 mm
شريط انتفاخ 3 x 15 مم

C. LOCK SIDE



جهة القفل



Intumescent Strip 15 x 3 mm
شريط انتفاخ 3 x 15 مم

4. STRIP CONTINUITY



- ✓ Continuous around Top (Head)
مستمر أعلى الإطار
- ✓ Continuous along Hinge Side
مستمر جهة المفصلات
- ✓ Continuous along Lock Side
مستمر جهة القفل

يجب أن تكون شرائط الانتفاخ مستمرة بدون فواصل.

Intumescent strips must be continuous without joints.

5. GENERAL NOTES

- Intumescent strips shall be installed in the dedicated grooves provided in the frame.
- Ensure correct orientation: 15 mm width visible from inside.
- Strips shall be continuous at corners without cutting.
- Any damaged strip shall be replaced.

• يجب تركيب شرائط الانتفاخ في المجاري المخصصة داخل الإطار.

• يجب أن يكون اتجاه الشريط صحيح بحيث يكون عرض 15 مم ظاهر من الداخل.

• يجب أن تكون الشرائط مستمرة عند الزوايا بدون تقطيع.

• يجب استبدال أي شريط تالف.



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INSTALLATION REQUIREMENTS

متطلبات التركيب



1. INSTALLATION SEQUENCE

STEP 1

OPENING PREPARATION



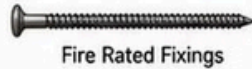
- تنظيف فتحة الحائط
- التحقق من الأبعاد
- التأكد من استواء السطح

STEP 2

FRAME INSTALLATION



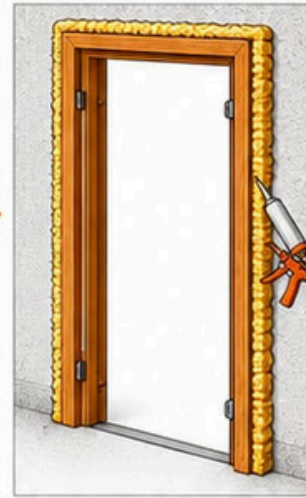
- Place frame in opening.
- Ensure vertical & level.
- Fix using fire rated screws.



Fire Rated Fixings

STEP 3

FIRE STOPPING



- Fill gaps with fire rated foam.
- Apply intumescent sealant.
- Seal around full perimeter.



STEP 4

DOOR LEAF INSTALLATION



- Hang door leaf on hinges.
- Install lock & handle set.
- Check operation & gaps.

- ✓ Smooth Operation
- ✓ Correct Clearances

2. INSTALLATION REQUIREMENTS

ITEM	REQUIREMENT
Opening Size (Rough Opening)	Width = 977 mm Height = 2185 mm (Recommended for installation and fire rated foam clearance) (الفتحة التقريبية للتركيب ولحرم رغووة الحماية من الحريق)
Frame Alignment	Vertical & Level
Fixing Type	Fire Rated Screws / Anchors
Max. Fixing Distance	600 mm (Max.)
First & Last Fixing	150 mm from each end
Foam Type	Fire Rated Expanding Foam
Sealant Type	Intumescent Sealant
Door Gaps	3 mm (Top) / 3 mm (Hinge) / 3 mm (Lock) / 6 mm (Bottom)
Hardware	Approved Fire Rated Hardware
Intumescent Strips	To be installed as per layout (15 x 3 mm)
Surface Finish	Clean & Free from Damage

3. GAP REQUIREMENTS



- 1 Top Gap 3 mm
- 2 Hinge Side Gap 3 mm
- 3 Lock Side Gap 3 mm
- 4 Bottom Gap 6 mm

4. FINAL INSPECTION CHECKLIST

CHECK ITEM	STATUS
Frame Alignment	✓
Frame Securely Fixed	✓
Fire Foam Installed	✓
Fire Sealant Applied	✓
Intumescent Strips Installed	✓
Door Operation	✓
Hardware Installed	✓
Clearances Verified	✓
Final Inspection Passed	✓

5. GENERAL NOTES

- Installation shall be carried out by qualified personnel.
- All works to be in accordance with approved shop drawings, manufacturer's instructions and fire certification requirements.
- Do not cut or modify the door leaf or frame on site.
- All materials used must be fire rated and approved.
- Protect the door from damage during installation.



- يجب تنفيذ أعمال التركيب بواسطة فنيين مؤهلين ومعتمدين.
- يجب تنفيذ جميع الأعمال طبقاً للرسومات التنفيذية المعتمدة وتعليمات المصنع ومتطلبات الاعتماد الخاصة بمقاومة الحريق.
- يجب عدم قطع أو تعديل إطار أو لوح الباب في الموقع.
- جميع المواد المستخدمة يجب أن تكون معتمدة ومقاومة للحريق.
- يجب حماية الباب من أي تلف أثناء التركيب.





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APPROVED MATERIALS

المواد المعتمدة



1. WOOD & CORE MATERIALS

ITEM	DESCRIPTION	SPECIFICATION	IMAGE
1.1	Hardwood Frame إطار خشبي	Kiln Dried Hardwood Density $\geq 640 \text{ kg/m}^3$	
1.2	Door Leaf Stiles قوائم الضلفة	Kiln Dried Hardwood Density $\geq 640 \text{ kg/m}^3$	
1.3	Core Material مادة الحشو	Fire Rated Particle Board Density $\geq 650 \text{ kg/m}^3$	
1.4	Face Veneer قشرة الوجه	Natural Wood Veneer 0.6 mm Thickness	

2. INTUMESCENT & SEAL MATERIALS

ITEM	DESCRIPTION	SPECIFICATION	IMAGE
2.1	Intumescent Strip شريط الانتفاخ	15 x 3 mm Fire Rated	
2.2	Intumescent Seal in Groove مجري شريط الانتفاخ	Pre-installed in frame & leaf	
2.3	Fire Rated Sealant سيلانت مقاوم للحريق	Intumescent Acrylic Fire Rated	
2.4	Fire Rated Expanding Foam فوم مقاوم للحريق	B1 Class Fire Rated	

3. HARDWARE MATERIALS

ITEM	DESCRIPTION	SPECIFICATION	IMAGE
3.1	Hinges مفصلات	Stainless Steel 304 Fire Rated	
3.2	Lockcase قفل مركب	Mortise Lock Fire Rated	
3.3	Euro Cylinder أسطوانة القفل	Brass / Nickel Finish Fire Rated	
3.4	Lever Handle مقبض الباب	Stainless Steel 304 Fire Rated	
3.5	Door Closer غالق الباب	Overhead Closer Fire Rated EN 1154	
3.6	Fixing Screws براغي التثبيت	Hardened Steel Corrosion Resistant	

4. FINISHING MATERIALS

ITEM	DESCRIPTION	SPECIFICATION	IMAGE
4.1	Primer برايمر	Water Based Fire Retardant	
4.2	Top Coat طبقة نهائية	PU / NC Finish Fire Retardant	
4.3	Edge Band شريط حواف	Wood Veneer / PVC 0.6 - 1.0 mm	
4.4	Adhesive لاصق	PVA / PU Fire Retardant	

MATERIAL APPROVAL

- All materials used in FD60 fire rated door system are tested and approved as per EN standards and certified to achieve 60 minutes fire resistance.

اعتماد المواد

جميع المواد المستخدمة في نظام باب FD60 تم اختبارها واعتمادها وفقاً لمعايير EN لتحقيق مقاومة حريق لمدة 60 دقيقة.



5. MATERIAL APPROVAL SUMMARY

MATERIAL	STATUS
Hardwood Frame	APPROVED
Halspan 60 Optima FD60 Core	APPROVED
Hardwood Lipping	APPROVED
Intumescent Strip 15 x 3 mm	APPROVED
Fire Rated Sealant	APPROVED
Fire Rated Expanding Foam	APPROVED
Fire Rated Hinges	APPROVED
Fire Rated Lockset	APPROVED
Euro Profile Cylinder	APPROVED
Finishing Materials	APPROVED

MATERIAL APPROVAL STATEMENT

All materials listed in this schedule are approved for use within the FD60 Fire Rated Wooden Door System and shall be installed in accordance with the approved shop drawings and manufacturer requirements.



بيان اعتماد المواد

جميع المواد الواردة في هذا الجدول معتمدة للاستخدام ضمن نظام الباب الخشبي المقاوم للحريق FD60 ويتم تركيبها طبقاً للرسومات التنفيذية المعتمدة وتعليمات الجهات المصنعة.



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CERTIFICATES REGISTER

سجل الشهادات



1. CERTIFICATE REGISTER سجل الشهادات المعتمدة

REF. NO.	CERTIFICATE NAME	CERTIFICATE NUMBER	ISSUE DATE	EXPIRY DATE	STATUS
CERT-01	Fire Resistance Test Report				☐
CERT-02	Door System Approval				☐
CERT-03	Factory Production Control (FPC)				☐
CERT-04	Intumescent Strip Certificate				☐
CERT-05	Fire Rated Hardware Certificate				☐
CERT-06	Core Material Certificate				☐
CERT-07	Timber Certificate				☐
CERT-08	Sealant Certificate				☐

2. ATTACHED CERTIFICATES الشهادات المرفقة

- ☐ 1. Fire Resistance Test Report
- ☐ 2. Door System Approval Certificate
- ☐ 3. Factory Production Control Certificate
- ☐ 4. Intumescent Strip Certificate
- ☐ 5. Hardware Fire Rating Certificate
- ☐ 6. Core Material Certificate
- ☐ 7. Timber Material Certificate
- ☐ 8. Fire Rated Sealant Certificate

3. CERTIFICATE PLACEHOLDER AREA مكان إدراج الشهادات



INSERT APPROVED CERTIFICATES HERE

يتم إدراج الشهادات المعتمدة في هذا الجزء

4. NOTES ملاحظات

- All certificates shall be valid and up to date.
- Certificates shall be issued by recognized and accredited bodies.
- Any expired certificate shall be considered invalid.
- Only original or certified true copies shall be attached.

- جميع الشهادات يجب أن تكون سارية المفعول.
- يجب أن تكون الشهادات صادرة من جهات اعتماد معترف بها.
- أي شهادة منتهية الصلاحية تعتبر غير مقبولة.
- ترفق النسخ الأصلية أو النسخ المعتمدة فقط.



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QUALITY INSPECTION CHECKLIST

قائمة فحص الجودة



1. PROJECT INFORMATION بيانات المشروع

Door Type	FD60 Fire Rated Wooden Door	Project	
Door Size	910 mm × 2146 mm	Inspector	
Frame Size	977 mm × 2185 mm	Date	

2. QUALITY INSPECTION CHECKLIST قائمة فحص الجودة

No.	Inspection Item	Status		Remarks
01	Door dimensions verified (910 × 2146 mm)	☐ Pass	☐ Fail	
02	Door leaf thickness verified (54 mm)	☐ Pass	☐ Fail	
03	Frame section verified (150 × 44 mm)	☐ Pass	☐ Fail	
04	Halspan 60 Optima core verified	☐ Pass	☐ Fail	
05	Hardwood lipping verified (6 mm)	☐ Pass	☐ Fail	
06	Intumescent strips installed correctly	☐ Pass	☐ Fail	
07	Fire rated sealant applied	☐ Pass	☐ Fail	
08	Fire rated expanding foam applied	☐ Pass	☐ Fail	
09	Hinges installed correctly	☐ Pass	☐ Fail	
10	Lockset installed correctly	☐ Pass	☐ Fail	
11	Door operation tested	☐ Pass	☐ Fail	
12	Surface finish inspected	☐ Pass	☐ Fail	
13	Frame alignment checked	☐ Pass	☐ Fail	
14	Product identification label attached	☐ Pass	☐ Fail	
15	Final visual inspection completed	☐ Pass	☐ Fail	

3. FINAL INSPECTION RESULT نتيجة الفحص النهائي

☐ APPROVED

☐ REJECTED

Comments / الملاحظات

4. APPROVALS الاعتمادات

Prepared By	Checked By	Approved By
Signature	Signature	Signature
Date	Date	Date





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COMPLIANCE STATEMENT

بيان المطابقة



1. PRODUCT DETAILS تفاصيل المنتج

Product	FD60 Fire Rated Wooden Door System	Fire Rating	60 Minutes (FD60)
Door Type	Single Leaf Wooden Door	Standard	EN 1634-1 / BS 476-22
Door Size	910 mm × 2146 mm	Drawing Ref.	FD60 Technical Shop Drawings
Frame Size	977 mm × 2185 mm	Revision	REV.01
Manufacturer	RAYAN PLUS FACTORY FOR INDUSTRY	Date	June 2026

2. COMPLIANCE STATEMENT بيان المطابقة

- ✓ We, RAYAN PLUS FACTORY FOR INDUSTRY, hereby declare that the FD60 Fire Rated Wooden Door System described in this technical dossier is designed, manufactured and tested to meet the required performance and safety standards.
- نحن، مصنع الریان بلس للصناعة، نقر بأن نظام الباب الخشبي المقاوم للحريق FD60 الموضح في هذا الملف الفني قد تم تصميمه وتصنيعه واختباره وفقاً لمتطلبات ومعايير الأداء والسلامة المعتمدة.
- ✓ The materials and components used in this system are in compliance with the approved specifications, and the system has been tested and certified by accredited laboratories.
- المواد والمكونات المستخدمة في هذا النظام مطابقة للمواصفات المعتمدة، وقد تم اختبار النظام والحصول على شهادة المطابقة من مختبرات معتمدة.
- ✓ The system provides a minimum fire resistance rating of 60 minutes for integrity and insulation when installed in accordance with the manufacturer's instructions and approved drawings.
- يوفر هذا النظام مقاومة حريق لا تقل عن 60 دقيقة من حيث السلامة والعزل الحراري عند تركيبه وفقاً لتعليمات الشركة المصنعة والرسومات المعتمدة.
- ✓ This statement is issued under our sole responsibility.
- تم إصدار هذا البيان تحت مسؤوليتنا الكاملة.

3. SUPPORTING DOCUMENTS المستندات الداعمة

Document	Reference	Document	Reference
Fire Resistance Test Report	Refer to Attached Documents	Factory Production Control (FPC)	Refer to Attached Documents
Door System Approval Certificate	Refer to Attached Documents	Material Certificates	Refer to Attached Documents
Installation Manual	Refer to Attached Documents	Quality Inspection Checklist	Refer to Attached Documents

4. AUTHORIZED SIGNATORY التوقيع المعتمد

Prepared By إعداد	Reviewed By مراجعة	Approved By اعتماد	Company Stamp ختم الشركة
Signature التوقيع	Signature التوقيع	Signature التوقيع	
Date التاريخ	Date التاريخ	Date التاريخ	



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DOCUMENT APPROVAL SHEET

ورقة اعتماد المستند



1. DOCUMENT INFORMATION

بيانات المستند



Document Title

FD60 Fire Rated Wooden Door System



Document Type

Technical Shop Drawings



Revision

REV.01



Date

June 2026



Manufacturer

Rayan Plus Factory For Industry

2. APPROVAL RECORD

سجل الاعتماد

Function

المسمى الوظيفي

Name

الاسم

Signature

التوقيع

Date

التاريخ



Prepared By

إعداد



Reviewed By

مراجعة



Approved By

اعتماد

3. COMPANY STAMP

ختم الشركة



COMPANY STAMP

ختم الشركة

4. FINAL DECLARATION

الإقرار النهائي



This document has been reviewed and approved for issue and represents the final approved version of the FD60 Fire Rated Wooden Door System Technical Shop Drawings.

تمت مراجعة هذا المستند واعتماده للإصدار، ويمثل النسخة النهائية المعتمدة لرسومات التشغيل الفنية لنظام الباب الخشبي المقاوم للحريق FD60.



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